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| 50 | 50 |
| 60 | 60 |
| 70 | 70 |
| 80 | 80 |
| 90 | 90 |
| 100 | 100 |
| 110 | 110 |
| 120 | 120 |
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| 140 | 140 |
| 150 | 150 |
| 160 | 160 |
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| ctccaggatc | ccttggttcc | agtaccccat | tatctatgac | attcgggcca | gacctcgaaa | 1200 |
| aatctcctcc | cctacaggct | caaaggtag | gtctgagcac | ttggtaatca | catggcaggt | 1260 |
| gggatgatca | aggtagctgg | caagaaacct | cagggggaata | tggtagtgtc | aggccttttag | 1320 |
| gcctctttcc | acatctgcaa | gagctgtaac | aaaaatacct | gcctcctggg | gtcaaagcag | 1380 |
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| cctttttttt | ctaactgctt | gacttactat | atctacagtt | acatccacta | gtacactctg | 1560 |
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| cataaaagcc | gtgcctttga | gttcccacga | cctcttctct | ctccccacc | acgcacacat | 1680 |
| atacacctcg | ggtcaggtag | ctcacctgta | acctgtaatg | tacttctttg | tgctatacct | 1740 |
| agtgcaggtc | gcttattcat | ttactagact | gggccttggg | aataaaagat | tcattaaaca | 1800 |
| caattcttgt | cccccaagtc | cttacaggag | acatgattac | ggtacagcac | gaaagcgccc | 1860 |
| acgttagagc | ttgcacagag | tacagagggt | gaaagagtat | tcagctctgc | tggtgacggg | 1920 |
| gtttgcagtt | caaggcttca | cagtgcattt | gggtgcattt | cagctgtgct | gcgtcttgct | 1980 |
| ttccttgtca | gcctgattaa | ctctcctccc | cccagggtag | tgccaggctg | tacaccattg | 2040 |
| cacagggcac | acagggagga | acatgaagga | gaaaatgctt | gggaaagggt | gtttggcctt | 2100 |
| gaccagccac | tgctgacctc | aatctcagac | ctacagatgg | tgaatatctc | cctgcgagtg | 2160 |
| ttgtctcgac | ccaatgctca | ggagcttctt | agcatgtacc | agcgcttagg | gctggactac | 2220 |
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| aatgcctcac | agctgatcac | ccagcgggcc | caggtctgac | tcccaccacc | atctgcgtgg | 2340 |
| tgtcagcctt | tccttcctag | gcccagagta | ttgggaatta | ggaaaggcag | cttattagaa | 2400 |
| aagcattgtc | accctagtgc | catttccacc | taaaagctgt | gctaattgcc | actgtgaaat | 2460 |
| aaggagagcc | agcattagaa | ctcgatagca | ctcgggtgta | ggaagcacag | aggaaaatgg | 2520 |
| ccaagtcttg | gcttttctct | cacctcttct | agcagagagg | cttatgttac | aggtttgctt | 2580 |
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| cggcagaaaa | ttgtgcaggc | cagggggtgag | gccgaggctg | ccaagatgat | atccttctgc | 3060 |
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| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|------|
| gctgatgaga | ctaaggcgaa | tgcgactccg | tgtctctctgg | cccttgggctc | cttggttgggg | 3180 |
| gtgggggacta | cagatgagat | ctgaaatctt | agtggtagta | cctgagccat | gactccccac | 3240 |
| tgtaaggcca | gatcaatagc | attggtggcc | ttgccttcat | ttctgggtgct | gccccctagtt | 3300 |
| cctggcagca | gcctgcaggg | aggcccacag | gtgggggtcca | cggtagggct | gggcacaagc | 3360 |
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| agcacttttaa | ttataaagtt | ttcatctaac | caaaaagtga | tgaaagatga | tactcagttt | 4560 |
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| gatttcctac | agtgttggtc | cctccctcaa | ggctggggag | agataaacac | caacccagga | 5340 |
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| ccgaacacagg | acccaagctg | ggaaggctgg | ccctgagttc | tcgaggccca | gctgtgctct | 5580 |
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| tgctgagcca | gattaaaaat | ctgatgaccc | caacaggagc | tgcttccttg | gcagcagggt | 5700 |
| tccttgtggc | tgtgggggagc | ctgcctgtgc | ctgttgaggc | acttctgtgc | ccagaagccc | 5760 |
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<210> 11733

<211> 738

<212> DNA

<213> Homo sapiens

<400> 11733

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| acctctacac | tccagcatgg | gcaaaagagc | aagattctgt | ctcaaaaata | aataaataaa | 120 |
| ttttgttttt | aattagccag | gcatgatggc | atgcacctgt | agtcccagct | attcaggaga | 180 |
| ccaaggtggg | aggatcattt | gagcccagga | atttgagact | gcagtgaact | atgatgatgc | 240 |
| cactgcattc | caacctagat | gacagaagga | gacctcatct | ctaaaaataa | atatatatat | 300 |
| tttttccaac | cactttttat | ctatacccca | atgtcttaca | ttccataaaa | catcatgttt | 360 |
| tgaattccag | tataacttta | tcgttaaaaa | tgtttctttg | cagaagcatg | tataagttag | 420 |
| ggtccacaag | attattttgca | taagctaatt | tacaaaaaaa | attatataat | cactgacatg | 480 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| aaagcatgtc | tgggcagcca | tgggagctca | tatgaggcgt | ccagttcagt | cgctttttaa | 540 |
| aatgatatt | tgcattagct | gggcatggta | gcatgtgtct | gtagtcccag | ctactcaggg | 600 |
| gactgaagtg | agaggatgca | ccagagcccc | agaagtcaag | gctgcagtga | gccatgatca | 660 |
| catcactgca | ccagcctggg | caacaggagt | gaggccttgt | ctcagtcagt | caatcaatca | 720 |
| atcaataatg | gtatttgg | | | | | 738 |

<210> 11734
 <211> 430
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|-------------|------------|------------|------------|------------|-----|
| <400> 11734 | | | | | | |
| caaaaaaatc | actgactccc | catgcccttc | ctccaagccc | ctgatatctt | ctattcaact | 60 |
| ttctgtctct | atacgtttgc | ctattctagg | tacctcacgt | aggtgaaatc | atacaatatg | 120 |
| tgtgtggcct | tttgtgtctg | gcttctttca | ctcagcatga | tgttttcaag | tttcatccac | 180 |
| actgtagcat | ctatcaatac | tcaatttctt | tttatggcta | cataatattc | tatctactta | 240 |
| ttatttttat | tctatgaaca | ctgattgaca | gcttcatttc | tggagggcca | ccagtgtgct | 300 |
| acacactttg | caggtccttc | acctatattc | ttgtatttat | tccatttatt | tataaactaa | 360 |
| tgggtcccat | tgtgcagggtg | aggaacctga | aagccagagg | gaatagtgc | ttttccaaag | 420 |
| gtcacattgc | | | | | | 430 |

<210> 11735
 <211> 289
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|------------|------------|------------|-------------|------------|-----|
| <400> 11735 | | | | | | |
| ttttttttgt | tgagttaggg | tctcactgta | ttccccaggc | tgggtctgaaa | ctcctgggct | 60 |
| caagcgatcc | tcctgcctca | gcctcccaag | tagctgggac | tacaggtgca | caccactgca | 120 |
| cctgcctggc | tgggggttgc | ctcgttaggg | tccccaggcc | cggaaggctg | cgtgcttgct | 180 |
| attgctgcc | cgagacccc | catggcctgc | tggagctagg | gggcgccaga | agccttactt | 240 |
| ctgtgtctct | ggccgatgaa | caagagagcc | tggatactgc | tgcagagca | | 289 |

<210> 11736
 <211> 228
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
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| <400> 11736 | | | | | | |
| tgcaggtcag | gagattgaga | ccatcctggc | taacatggtg | aaaccccatc | tctactaaaa | 60 |
| atacaaaaaa | aattagccgg | gcgtggtggc | gggagcctgt | agtcccagct | actcgggagg | 120 |
| ttgaggcagg | agaatggcgt | gaacctggga | ggcggagctt | gtagtgagcc | aagatcatgc | 180 |
| cactgcactc | cagcctgggc | gacagagcga | gactccgtct | caaaaaaa | | 228 |

<210> 11737
 <211> 5141
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|-------------|------------|------------|------------|-------------|-----|
| <400> 11737 | | | | | | |
| tgtgacaaca | tctgggggtga | tggaaagtat | gaagaaagtc | aagaaggtga | ccaacggctc | 60 |
| cgtggagccc | cagggcgagt | gggaaggcgc | cgtgtgacag | agccgaccct | gaggatggca | 120 |
| ctgtccaagg | aaactgttaa | cttattcata | gtcctatttg | acagcaggag | cagctcctac | 180 |
| agtgaactat | tggcaccacc | gacagtgaca | ccagggcaca | tggctggagc | acagtgccgc | 240 |
| ggaaacctga | ttttgtactc | tcttttatgg | aaacgatctg | tggctgttta | gaggcagctg | 300 |
| gatcctcttt | caggcgggaa | tgggagggcg | ggcacaggga | ggaggagagg | aagagaaaag | 360 |
| gaagaattca | tttttaattt | aggtttcttt | ttttcttctt | catttcggag | ctctaagggtg | 420 |

| | | | | | | |
|-------------|-------------|-------------|------------|-------------|-------------|------|
| tatgcagttg | tgaccccatg | tgtggggaag | tgtagcaagg | acggctgggtg | gagggggaag | 480 |
| gaggggtgca | ggtgtctgtc | tgatgcttta | ggaaatgtct | actgaggacc | ctgggactta | 540 |
| agaagaaggg | cggggagagt | gccattgcct | gtttgggaga | caaaaatgaa | cgaaaacagg | 600 |
| tgacttttga | aagcaaagtc | aaaacccagt | ttaggatgta | gcacctgccc | caggattcct | 660 |
| gccctcggct | ttgccccaga | cccttattcc | agatgctgag | agtgaccagg | acagcagctc | 720 |
| ctgaggccca | gtggtcttct | ttccaacagg | aaaagaaggc | tgtgatgtcg | ctgtcaggat | 780 |
| catgccctgt | ggcacagcac | aggtgggtgg | aggtgggttt | ctgactgaga | tgttgcctga | 840 |
| tggatggaaa | gaaatgtatt | tttaagttca | aaaagcatta | tcctgtggcg | ttgcctggac | 900 |
| atccactccc | tgacagccca | gagcagcact | gtctggcttc | ccttcattgt | tgtggctttg | 960 |
| ttgtgtttga | tcagaatttt | gggggaaatg | gaaagttttc | ctcaaggagc | agctgggggc | 1020 |
| agaataggta | gtattttaagc | aaataactta | gtccaagcaa | atcatcccca | ttaaaaagct | 1080 |
| tttcctgtag | gctagtagga | tttctaaata | gatgaattca | acagacttgg | tccccatagt | 1140 |
| ccaagagtat | gtatgtgaag | aaagtgaagc | tgattcaaca | gtttcactct | cagggatttt | 1200 |
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| cccaggccac | agctgtctac | ctctcggcag | atatttttag | caagcatccg | tgtgtcttcc | 1860 |
| catcttcagg | agaaaggtaa | atgcacccta | agtgttctac | tctggacctt | tttcaagttc | 1920 |
| actttgggact | gtgtgacaga | agggagttgg | agggaggatg | ggaatatatt | taacactttg | 1980 |
| ttttctctgt | cagaaacata | ataccagttt | tcgcagaaat | gtgtctcaat | ctgtgactac | 2040 |
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| ggaacaactc | atgcttcatg | ctgccaagct | gctgtacttc | aaaggaaaca | gatctagcac | 4020 |
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| Table 1. Demographic characteristics of the study population | |
|--|-------------|
| Age (years) | 50.0 ± 10.0 |
| Gender | |
| Male | 45 (45.0%) |
| Female | 55 (55.0%) |
| Marital status | |
| Married | 40 (40.0%) |
| Single | 15 (15.0%) |
| Divorced | 10 (10.0%) |
| Widowed | 10 (10.0%) |
| Education level | |
| High school or less | 30 (30.0%) |
| College | 20 (20.0%) |
| Postgraduate | 10 (10.0%) |
| Occupation | |
| Professional | 15 (15.0%) |
| Managerial | 10 (10.0%) |
| Technical | 10 (10.0%) |
| Service | 10 (10.0%) |
| Unemployed | 10 (10.0%) |
| Retired | 10 (10.0%) |
| Health status | |
| Good | 40 (40.0%) |
| Fair | 10 (10.0%) |
| Poor | 5 (5.0%) |
| Chronic diseases | |
| Hypertension | 15 (15.0%) |
| Diabetes | 10 (10.0%) |
| Heart disease | 10 (10.0%) |
| Stroke | 5 (5.0%) |
| Arthritis | 10 (10.0%) |
| Chronic kidney disease | 5 (5.0%) |
| Chronic liver disease | 5 (5.0%) |
| Chronic respiratory disease | 5 (5.0%) |
| Chronic mental disease | 5 (5.0%) |
| Chronic pain | 5 (5.0%) |
| Chronic fatigue | 5 (5.0%) |
| Chronic insomnia | 5 (5.0%) |
| Chronic depression | 5 (5.0%) |
| Chronic anxiety | 5 (5.0%) |
| Chronic stress | 5 (5.0%) |
| Chronic anger | 5 (5.0%) |
| Chronic sadness | 5 (5.0%) |
| Chronic loneliness | 5 (5.0%) |
| Chronic isolation | 5 (5.0%) |
| Chronic social withdrawal | 5 (5.0%) |
| Chronic self-harm | 5 (5.0%) |
| Chronic suicidal thoughts | 5 (5.0%) |
| Chronic suicidal behavior | 5 (5.0%) |
| Chronic suicide risk | 5 (5.0%) |
| Chronic suicide attempt | 5 (5.0%) |
| Chronic suicide completion | 5 (5.0%) |
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| caacatgctg | gagccaagtg | ctaactgccc | ttggttcaag | ggatggaaaag | tcacccgtaa | 720 |
| ggatggcaat | gccagtggaa | ccatgctgct | tgaggctctg | gactgcatcc | taccaccaac | 780 |
| tcgtccaact | gacaagccct | tgccgctgcc | tctccaggat | gtctacaaaa | ttggtgggtat | 840 |
| tggtagtgtt | cctgttggcc | gagtggagac | tggtattctc | aaacccggta | tggtgggtcac | 900 |
| ctttgctcca | gtcaacgtta | caacagaagt | aaaatctgtc | gaaatgcacc | atgaagcttt | 960 |
| gggtgaagct | cttcttgggg | acagtgtggg | cttccatgtc | agaatgtgt | ctgtcaagga | 1020 |
| tgttcgtcgt | ggcaacgttg | ctggtgacag | caaaaatgac | ccaccaatgg | aagcagctgg | 1080 |
| cttactgtct | caggtgatta | tcctgaacca | tccaggccaa | ataagcgtct | gctatgcccc | 1140 |
| tgtattggat | tgccacacgg | ctcatattgc | atgcaagtgt | gctgagctga | aggaaaagat | 1200 |
| tgatcgccgt | tctggtaaaa | agctggaaga | tggccctaaa | ttcttgaagt | ccggtgatgc | 1260 |
| tgccattgtt | gatatgggtc | ctggcaagcc | catgtgtgct | gagagcttct | cagactatcc | 1320 |
| acctttgggt | cgttttgcgt | ttcgtgatat | gagacacaca | gttgccggtg | gtgtcatcaa | 1380 |
| agcagtggac | aagaaggctg | ctggagctgg | caaggtcacc | aactctgccc | agaaagctca | 1440 |
| gatggctaaa | tgaatattat | ccctaatacc | tgccacccca | ctcttaatca | gtggtggaag | 1500 |
| aacggtctca | gaactgtttg | tttcaattgg | ccatttaagt | ttagtagtaa | aagactgggt | 1560 |
| aatgataaca | atgcatcgta | aaaccttcag | aaggaaagga | gaatgttttg | tggaccactt | 1620 |
| tggttttctt | ttttgcatgt | ggcagtttta | agttattagt | ttttaaaatc | agtacttttt | 1680 |
| aatggaataa | acttgaccaa | aaatttgtca | cagaattttg | agaccatta | aaaaagttta | 1740 |
| atgagaaaaa | aaaagaaaaa | aggaa | | | | 1765 |

<210> 11748
 <211> 2470
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|------------|-------------|-------------|------------|------------|-----|
| <400> 11748 | | | | | | |
| gagataccat | ctcagccag | ttagaatgac | gatcattaaa | aagtcaggaa | acttttttgt | 60 |
| ttttttctca | atgggtttgc | caccagaaca | caggtatcgt | gaaaactacc | cctacctata | 120 |
| agccagaacg | agaaaggaaa | agactcatat | caacactgtg | atcatcggac | acgtagattc | 180 |
| gggcaagtcc | accactactg | gccatctgat | ctacaaatgc | ggtggcgctg | acaaaagaac | 240 |
| catcgaaaaa | tttgagaagg | aggctgctga | gatgggaaag | tgctccttca | agtatgcctg | 300 |
| ggtcttggat | aaactgaaag | ctgagcgtga | acatgggtatc | accattgata | tctctttgtg | 360 |
| gaaatttgag | accagcaagt | actatgtgac | tatcattgat | gccccaggac | acagagacct | 420 |
| catcaaaaac | atgattacag | ggacatctca | ggctgactgt | gctgtcttga | ttgttgcctg | 480 |
| tggttttggg | gaatttgaag | ctgggtatctc | caagaatggg | cagacccgag | agcacgccct | 540 |


```
<210> 11749
<211> 2276
<212> DNA
<213> Homo sapiens
```

| | | | | | | | |
|------------|------------|-------------|-------------|------------|-------------|--|------|
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| atagcttttc | gcaacaggtt | tgcaacagaa | cacaggtgtc | atggaaacta | cccctaaaag | | 60 |
| ccaaaatggg | aaaggagaag | actcatatca | acattgtcgt | caatggacac | atagattcgg | | 120 |
| gcaagtccac | ctctactggc | catctgatct | acaaatgtgg | tggcatcaac | aaaagaagca | | 180 |
| ttaagaaatt | tgagaagaag | gctgctgaga | tgggaaaggc | ctccttcaag | taagcctggg | | 240 |
| tcttgataaa | actgaaagct | gagcgtgaat | gtggtatcac | catgtatacc | tccttgtgga | | 300 |
| aatttgagac | cagcaagtac | tgaatgacta | tcattaatgc | ccctaaggaa | tgagaccacc | | 360 |
| acttctcctg | ttgtccttcc | cagcttctac | ccaaccttcc | cttttcccta | gtttataaga | | 420 |
| caggagaaaa | gggagaaagc | aaaaagttgg | aaagaaacaa | aagtaagata | aatagctaga | | 480 |
| cgactttggg | gccaccacct | ggccctgggtg | gttaaaaata | taataataat | attaaccctt | | 540 |
| gaccaaact | actggtgtta | tctgtaaatt | ccagacattg | tatgagaaag | cactgtaaaa | | 600 |
| ctttttgttc | tgttagctga | tgtatgtagc | ccccagtcac | gttcctcatg | cttacttgat | | 660 |
| ctattatgac | cctttcacat | ggacccttta | gagttgtaag | cccttaaaag | ggctagggaat | | 720 |
| tctctttttg | gggagttttg | ctcttaagac | cgagtgctgc | cgacgtctcc | ggccgaataa | | 780 |
| aaacttcttc | cttctttaat | cgggtgtctg | aggagttttg | tctgtgactc | gtcctggtat | | 840 |
| atcccaggac | acagagactt | catcacaac | atctttacag | ggacatctca | ggctgactgt | | 900 |
| gctgtcctgg | ttgttgctgc | tggtgttggt | gaatttgaag | ctggtatctc | caagaactgg | | 960 |
| cagacctgag | agcatgccct | tctggcttac | acattgggtg | tgaataaact | aatcactggt | | 1020 |
| gttaacaaaa | tggagtttat | tgagccacc | tacaaccaga | agagatatga | ggaaatcatt | | 1080 |
| aaggaaagtc | gcactatat | aagaaaattg | gtcacaaccc | tgacacagta | gcatttgtgc | | 1140 |
| caatttctgg | ttggaatagt | gacacacatg | tggaagccaag | tgctaacatg | ccttggttca | | 1200 |

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|------|
| agggatggaa | agtcacccgt | aaggatggca | atgccagtg | aaccatactg | cttgaggctc | 1260 |
| tggactgcat | cctaccacca | actcgtccaa | ctgacaagcc | ctgcttctcc | aggatgtcta | 1320 |
| caaaattggt | ggtattggta | ctgttcctga | tggccaagtg | gagactgttg | ctctcaaacc | 1380 |
| tgggtgtggtg | atcacctttg | ctccagtc | caactaca | gaagtaaaat | ctgtcaaaat | 1440 |
| gcaccatgaa | gctttgagtg | aagctttttc | tggggacaat | gtgggcttcc | atgtcaagaa | 1500 |
| tgtgtctgtc | aaggatattc | attgtagtaa | caatgctggt | aactgcaaaa | atgacccacc | 1560 |
| aatggaagca | gctggattca | ctgctcaggt | gatctatcct | gaaccatcca | ggccaagtca | 1620 |
| gtgctggcta | tgcccctgta | ctagattgcc | acatggctca | cattgcatgc | aagtttgctg | 1680 |
| agctgaagga | aaagattgat | cgctcttctg | gtaaaaagct | ggaagacggc | cctaaattct | 1740 |
| tgaaatctgg | tgatgttgcc | atcattgata | tgggttcctg | taagcccatg | tgtgttgaga | 1800 |
| gcttctcaga | ctatccacct | ctgggttgct | ttgctgcttg | tgatatgaga | cagacagttg | 1860 |
| caactgggtgt | catcaaagca | gcggaaca | aggcagctgg | agctggcaag | gtcaccaagt | 1920 |
| atccccagaa | agctcagaag | gctaaatgaa | tattatccct | aatacctgcc | accctggtat | 1980 |
| taagcagtg | tggaagaatg | gtcttagaac | tgtttgtttc | agttggctat | ttaagtttag | 2040 |
| tagtaaaaga | ctggttaatg | ataacaatgc | atagtaaaac | tttcagaagg | aaaggagaat | 2100 |
| gttttgtgga | ccactttggt | tttctctttt | gcatgtggca | gttttaattt | attagtgttt | 2160 |
| aaaatcagtg | ctttttaatg | gaagcaactt | gacaaaaaat | ttgtcacaga | attttgagac | 2220 |
| ccattaaaaa | agtttaatga | gaaaaaaaaa | aaaagaaagt | cacataaaca | gaatcc | 2276 |

<210> 11750
 <211> 1819
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|------------|------|
| <400> 11750 | | | | | | |
| aaaagaatca | aaattttgac | cttttttcgca | acgggtttgc | cgccagaaca | caggtgtcgt | 60 |
| gaaaactacc | cctaaaagcc | aaaatgggaa | aggaaaagac | tcatatcaac | attgtcgtca | 120 |
| ttggacacgt | agattcaggc | aagtccacca | ctactggcca | tctgatctat | aaatgcggtg | 180 |
| gcatcgacaa | agaaccatt | gaaaaatttg | agaaggaggc | tgctgagatg | ggaaagggct | 240 |
| ccttcaagta | tgccctgggtc | ttggataaac | tgaaagctga | gcgtgaacgt | ggtatcacca | 300 |
| ttgatattctc | cttgtggaaa | tttgagacca | gcaagtacta | tgtgactatc | attgatgccc | 360 |
| caggacacag | ggacttcatc | aaaaacatga | ttacagggac | atctcaggct | gactgtgctg | 420 |
| tectgattgt | tgctgctggt | gttgggtgaat | ttgaagctgg | tatctccaag | aatgggcaga | 480 |
| cccagagaca | tgcccttctg | gcttacacac | tgggtgtgaa | acaactaatt | gtcgggtgta | 540 |
| acaaaatgga | ttccactgag | ccaccctaca | gccagaagag | atatgaggaa | attgttaagg | 600 |
| aatcagcact | tacattaaga | aaattggcta | caaccccgac | acagtagcat | ttgtgccaat | 660 |
| ttctggttgg | aatggtgaca | acatgctgga | gccaaagtgc | aacatgcctt | ggttcaaggg | 720 |
| atggaaagtc | acccgtaagg | atggcaatgc | cagtggaaac | acgctgcttg | aggctctgga | 780 |
| ctgcatccta | ccaccaactc | atccaactga | caagcccttg | cgctgcttc | tccaggatgt | 840 |
| ctacaaaatt | ggtggtattg | gtactgttcc | tgttggccga | gtggagactg | gtgttctcaa | 900 |
| acccggtatg | gtggtcacct | ttgtccagt | caacgttaca | acggaagtaa | aatctgtcga | 960 |
| aatgcaccat | gaagctttga | gtgaagctct | tcctggggac | aatgtgggct | tcaatgtcaa | 1020 |
| gaatgtgtct | gtcaaggatg | ttcgtcgtgg | caacgtcgtc | ggtgacagca | aaaatgaccc | 1080 |
| accaatggaa | gcagcgggct | tactgtctca | ggtgattatc | ctgaaccatc | caggccaaat | 1140 |
| aagcaccggc | tatggccctg | tattggattg | ccacacggct | cacattgcat | gcaagtttgc | 1200 |
| tgagctgaag | gaaaagattg | atcgccgttc | tggtaaaaaag | ctggaagatg | gccctaaatt | 1260 |
| cttgaagtct | ggtgatgctg | ccattgttga | tatggttcct | ggcaagccca | tgtgtgttga | 1320 |
| gagcttctca | gactatccac | ctttgggtcg | ctttgctgtt | cgtgatatga | gacagacagt | 1380 |
| tgcggtgggt | gtcatcaaag | cagtggacaa | gaaggctgct | ggagctggca | aggtcaccaa | 1440 |
| gtctgcccag | aaagctcaga | aggctaaatg | aatattatcc | ctaatacctg | ccaccctact | 1500 |
| cttaatcagt | ggtggaagaa | tggtctcaga | actgtttgtt | tcaattggcc | atttaagttt | 1560 |
| agtagtaaaa | gactgggttaa | tgataacaat | gcatcgtaaa | accttcagaa | ggaaaggaga | 1620 |
| atgttttgtg | gaccactttg | gttttctttt | ttgcgtgtgg | cagtttttaag | ttattagttt | 1680 |
| ttaaaatcag | tactttttta | tggaacaac | tggaccaaaa | atttgtcaca | gaattttgag | 1740 |
| accattataa | aaagttaaat | gagaaaaaaa | aaaaaagaat | caaaattttg | aacagacact | 1800 |
| tcaactaaaa | tacatatgt | | | | | 1819 |

<210> 11751
 <211> 2574

<212> DNA
<213> Homo sapiens

<400> 11751

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|------|
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| ggtgtcgtga | aaactacccc | taaaagccaa | aatgggaaag | gaaaagactc | atgtcaacat | 120 |
| tgtcgtcatt | ggacacgtag | attcgggcaa | gtccaccact | actggccatc | tgatctataa | 180 |
| atgcgggtggc | atcgacaaaa | gaaccattga | aaaatttgag | aaggaggctg | ctgagatggg | 240 |
| aaagggctcc | ttcaagtatg | cctgggtcct | ggataaactg | aaagctgagc | gtgaacgtgg | 300 |
| tatcaccatt | gatacctcct | tgtggaaatt | tgagaccagc | aagtactatg | tgactatcat | 360 |
| tgatgcccc | ggacacagag | acttcatcaa | aaacatgatt | acatggacat | ctcaggctga | 420 |
| ctgtgctgtc | ctgattgttg | ctgtgtgtgt | tgggtgaattt | gaagctggta | tctccaagaa | 480 |
| tgggcagacc | cgagagcatg | cccttctggc | ttacacactg | ggtgtgaaac | aactaattgt | 540 |
| cgggtgttaac | aaaatggatt | ccactgagcc | accctacagc | cagaagagat | atgaggaaat | 600 |
| tggttaaggaa | gtcagcactt | acattaagaa | aattggctac | aaccccgaca | cagtagcatt | 660 |
| tgtgccaaat | tctggttgga | atggtgacaa | catgctggag | ccaagtgcta | acatgccttg | 720 |
| gttcaaggga | tggaaagtca | cccgttaagga | tggcaatgcc | agtggaaacca | cgctgcttga | 780 |
| ggctctggac | tgcatacctac | caccaactcg | cccaactgac | aagcccttgc | gcctgcctct | 840 |
| ccaggatgtc | tacaaaattg | gtggtattgg | tactgttcct | gttggccgag | tggagactgg | 900 |
| tgtttctcaa | cccggtatgg | tggtcacctt | tgtctcagtc | aacgtttaca | cggaagtaaa | 960 |
| atctgtcgaa | atgcaccatg | aagctttgag | tgaagctctt | cctggggaca | atgtgggctt | 1020 |
| caatgtcaag | aatgtgtctg | tcaaggatgt | tcgtcgtggc | aacgttgctg | gtgacagcaa | 1080 |
| aaatgacca | ccaatggaag | cagctggcct | cactgctcag | gtgattatcc | tgaaccatcc | 1140 |
| aggccaaata | agcgccggct | atgcccctgt | attggattgc | cacacggctc | acattgcatg | 1200 |
| caagtttgc | gagctgaagg | aaaagattga | tcgccgttct | ggtaaaaagc | tggaaagatgg | 1260 |
| ccctaaattc | tgaagtctg | gtgatgctgc | cattgttgat | atggttcctg | gcaagcccat | 1320 |
| gtgtgttgag | agcttctcag | actatccacc | tttgggtcgc | tttgctgttc | gtgatatgag | 1380 |
| acagacagtt | gcggtgggtg | tcatacaaagc | agtggacaag | aaggctgctg | gagctggcaa | 1440 |
| ggtcaccaag | tctgcccgag | aagctcagaa | ggctaaatga | atattatccc | taatacctgc | 1500 |
| cacccctc | ttaatcagtg | gtggaagaac | ggtctcagaa | ctgtttgttt | caattggcca | 1560 |
| tttaagttta | gtagtaaaaag | actgggttaat | gataacaatg | catcgtaaaa | ccttcagaag | 1620 |
| gaaaggagaa | tgttttgtgg | accacttttg | ttttcttttt | tgcggtgtggc | agtttttaagt | 1680 |
| tattaggttt | taaaatcagt | actttttaat | ggaaacaact | tgaccaaaaa | tttgtcacag | 1740 |
| aagtttgaga | cccattaaaa | aagttaaatg | agaaaaata | ataataataa | taataataat | 1800 |
| aataataata | ataataatta | ataatatttt | gagaaactgc | catactgttt | ccacagtggc | 1860 |
| tgcaccattt | acattcctct | ttttatgttt | tacacatctg | ctgttttggtg | aaatttttcta | 1920 |
| cagagtagct | tttaactctg | agcgctgtac | ttcctttgac | cctggacttc | acgccccaaac | 1980 |
| atcagtaaac | tgtcacagaa | ggtagtaata | atgtgtattc | ctggaagcca | tttctacatg | 2040 |
| ggatgatcag | tgataactat | taaattaaat | gactgcaagc | cacacatgca | gtccattcaa | 2100 |
| tccaaactaa | atgcattccc | aattcaactt | cccctcagtc | aaattcccca | aatgcctgtg | 2160 |
| actgcttcag | tgtctcccaa | caccagggga | catgtgatag | agggcaggtc | ccatagaaaag | 2220 |
| agacagcagg | ctggctgtgg | tggcttacgc | ctgtaacccc | agaacttttg | gagacggagg | 2280 |
| caggcgatc | atctgaggtc | aggagttcga | gatgagcctg | gccaacatgg | tgaaaccccg | 2340 |
| tctctactaa | aaatacaaaa | attatccggg | tgtgtgtggt | ggtatgcctg | tagttccagc | 2400 |
| tactagggag | gctgagtcag | gagaatcact | tgaactcagg | aggtggagtt | tgacgtgagc | 2460 |
| tgagatggcg | ccactgcact | ccagcctggg | caacagagca | agactctgtc | tcacaaaaaa | 2520 |
| aaaaaaaaaa | aaaaaaaaaa | aaaaaaaaaa | agaaagaaaa | gaaagaaaa | gaaa | 2574 |

<210> 11752

<211> 2480

<212> DNA

<213> Homo sapiens

<400> 11752

| | | | | | | |
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| acttttttgt | ttttttctca | atgggtttgc | caccagaaca | caggtatcgt | gaaaactacc | 120 |
| cctacctata | agccagaacg | agaaaggaaa | agactcatat | caacactgtg | atcatcggac | 180 |
| acgtagattc | gggcaagtcc | accactactg | gccatctgat | ctacaaatgc | ggtggcgctg | 240 |
| acaaaagaac | catcgaaaaa | tttgagaagg | aggctgctga | gatgggaaag | tgctccttca | 300 |
| agtatgcctg | ggtcctggat | aaactgaaag | ctgagcgtga | acatgggtatc | accattgata | 360 |

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|------------|------|
| tctctttgtg | gcaatttgag | accagcaagt | actatgtgac | tatcattgat | gccccaggac | 420 |
| acagagacct | catcaaaaac | atgattacag | ggacatctca | ggctgactgt | gctgtcttga | 480 |
| ttgttgctgc | tgggttttgg | gaatttgaag | ctgggtatctc | caagaatggg | cagacccgag | 540 |
| agcatgccct | tctggcttac | acactgggtg | tgaacaact | aattgttggg | gttaacaaaa | 600 |
| tggattccac | tgagccaccc | tacagccata | agagatatga | ggaaattggt | aaggaagtca | 660 |
| gcacttacat | taagaaaatt | ggcacaaca | ccgacacagt | agcatttgtg | ccagtttctg | 720 |
| gttggaatgg | tgacaacacg | ctggagccaa | gtgctaacat | gccttgggtc | aagggatgga | 780 |
| aagtcacccg | taaggatggc | aatgccagtg | gaaccacgct | gcttgaggct | cttgactgca | 840 |
| tcctaccacc | aactcgtcca | actgacaagc | ccttgtgcct | gcctctccag | gatgtctaca | 900 |
| aaattgggtg | tattgggtact | gttcctgttg | gctgagtggg | gactgggtgt | ctcaaacctg | 960 |
| gtatgggtgg | cacctttgct | ccagtcaacg | ttgcaacaga | agtaaaatct | gttgaaatgc | 1020 |
| accatgaagc | tttgagtga | gttcttcctg | gggacaatgt | gggcttcaat | gtcaagaatg | 1080 |
| tgtctgtcaa | ggatgttcgt | cgtggcaacg | ttgctgggtg | cagcaaaaag | gacccacca | 1140 |
| tgggaagcag | tggcttctact | gctcaggtga | ttatcctgaa | ccatccaggc | caaataagt | 1200 |
| ctggctatgc | ccctgtattg | gattgccaca | cggctcacat | tgcatgcaag | tttgctgagc | 1260 |
| tgaaggaaaa | gactgatcgc | cattctggta | aaaagctgga | agatggccct | aaattcttga | 1320 |
| agtctgggtg | tgctgccatt | gttgatattg | ttcctggcaa | gcccggtgat | gttgagagct | 1380 |
| tctcagacta | tccacctttg | ggtcgctttg | ctgttcatga | tatcagacag | acagttgcgg | 1440 |
| tgggtgtcat | caaagcagtg | gacaagaagg | ctgctggagc | tggcaagggtc | accaagtctg | 1500 |
| cccagaaagc | tcagaaggct | aaataaatat | tatccctact | acctgccacc | ccactgttaa | 1560 |
| tcagtgggtg | aagaatggtc | tcagaactgt | ttgtttcaat | tggccattga | agtttagtag | 1620 |
| taaaagactg | gttaatgata | acaatgcac | ataaaacctt | cagaaggaaa | ggagaatgtt | 1680 |
| ttgtggacca | cttttggtttt | ctttctttgc | atgtggcagt | tttaagttat | tagtttttaa | 1740 |
| aatcagtact | ttttactgga | aacaacttga | ccaaaaattt | gtcacagaat | tttgagacct | 1800 |
| attaaaaaag | tttaatgaaa | aaataaaaata | aaataaaaaa | ttaaaagtta | ggaaacaaca | 1860 |
| gatgctggag | aggatgtgga | gaaataggaa | agctttttaca | ttgttgggtg | gattgtaaat | 1920 |
| tagttcaacc | attgtggaag | acagtgtggt | ggttttctcaa | ggatctagaa | ccagaaatat | 1980 |
| catttgacct | agcaatccca | ttactgggta | tatacccaaa | ggattataaa | tcattctact | 2040 |
| gtaaagacac | atgcacacgt | atgtttattg | cagcactgtt | cacaatagca | aagacttgga | 2100 |
| accaacccaa | atgcccatga | atgatagact | ggataaagaa | gatgtggcac | atatacacca | 2160 |
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| agctggaaac | catcattctc | agcaaactaa | cacaggaaca | gaaaacccaa | caccacatgt | 2280 |
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| tgtggtggca | ggtgctatag | ttacgaggct | gagcaagatc | acaccactgc | actccagcct | 9060 |
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<210> 11755

<211> 1766

<212> DNA

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<400> 11755

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| caagtccacc | actactggcc | atctgatcta | taaatgcagt | agcatcgaca | aaagaacctat | 180 |
| tgaaaaattt | gagaaggaga | ctgctgagat | gggaaagggc | tctttcaagt | atggctgggt | 240 |
| cctggataaa | ctgaaagctg | agcgtgaacg | tggtatcacc | attgatattct | ccttgtggaa | 300 |
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| taatggaaac | aacttgacca | aaaatttgtc | acagaatttt | gagacccatt | aaaaaagttt | 1740 |
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| ccttggaacc | atgctgcttg | aggctctgga | ctgcatccta | ccaccaactc | gtccaactga | 300 |
| caagcccttg | cacctgcctc | tccaggatgt | ctacaaaatt | ggtggtattg | gtagtgttcc | 360 |
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10649

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| cagggtgagg | attctgaagt | ttgccctagg | ggtaggagca | tatttttaggg | gtcagcgcac | 18600 |
| acacccctgg | gcttccagaa | gtcggatggg | gctaaacgtg | gagagcaaca | agcagggaga | 18660 |
| cgcgacgaat | accaggccga | gggatctcca | aacgcagcca | actcctccc | gggacacaga | 18720 |
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<211> 649
<212> DNA
<213> Homo sapiens
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<220>
<221> SITE
<222> (49)
<223> n equals a,t,g, or c
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| | | | | | | |
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| <400> 11774 | | | | | | |
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| ggaaagtga | gtgacttgcc | caggggtccat | tcaggtagag | ttgagattca | aaccccat | 120 |
| gggctccaaa | gtctgcattg | ggtttggggg | tgtttttttg | catggcacct | tcacctctct | 180 |
| ccctgcctgt | tttcccaaa | gtggaaagga | aggcctttca | aaccagagt | tctcattccc | 240 |
| ctctgacctc | cacagacag | gggcatgag | ccagccacct | cagccaggtc | ccctgttccc | 300 |
| gggaggaagt | gtcccatcc | cccatgcccc | ttatggggag | ggagggcgtc | tgtatgtctc | 360 |

| | | | | | | |
|------------|-------------|------------|------------|-------------|------------|-----|
| tctctgcctc | cccccccatc | ctgtcaggca | caggtgacgg | gggcagccca | tgcgagccct | 420 |
| tctcctgctg | ctctgggagg | gccagttcca | cactgagcca | gcctgggtccc | atggaaaatg | 480 |
| atggcctggg | ctttctgagg | ccttatctga | tgcctctgca | gttcatgtcc | cccaccaggc | 540 |
| ctcgaggctc | aggggtgggag | agggcccccg | gctgccctgt | cactcctcta | acacttcctt | 600 |
| ccctgtcccc | caacatgccc | tgtaataaaa | ttagagaaga | ctaactaga | | 649 |

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 <212> DNA
 <213> Homo sapiens

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 <222> (564)
 <223> n equals a,t,g, or c

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| caaaccacaca | tgtggctcca | aagtctgcat | ctggatttgg | gggtgttttt | tggcatggca | 120 |
| ccctcacctc | tctccctgcc | tgttttcccc | aaagtggaaa | ggaaggcctt | tcaaaccaga | 180 |
| gtgtctcact | ccccctctgac | ctccagacca | gatggggcat | gagccagcca | gctcagccag | 240 |
| gctccctgtg | tcctgggagg | aagtgtcccc | atcccccatg | ccccttatgg | ggaggggagg | 300 |
| cgtctgatgc | tctctctctg | cctccccccc | catcctgtca | ggcacagggtg | acggggggcag | 360 |
| cccatgcgaa | cccttctcct | gctgctcttg | gagggccagt | tccacactga | gccagcctgg | 420 |
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| aga | | | | | | 603 |

<210> 11776
 <211> 12988
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 <213> Homo sapiens

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| gagcccagagc | ttgaggtgag | aaaggttcta | gggagggcgcg | gaggcgggag | cgcgaccttc | 120 |
| cagcccgtta | gtagactggg | tctacgtgcc | gggcgctgtg | cggagccgcg | agctcctgtt | 180 |
| cccgcgcgag | ttctcgcggg | agccgcagct | gtccgtctca | cttggccccg | gggaaactga | 240 |

| | | | | | | |
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| gtccccgaag | ggtagttgct | cgtcggagtt | ccccagcaaa | cagtgaccaa | gccagacctc | 300 |
| aggcttctag | tttcggcttc | gctgcttgac | gggcccggct | gccccgccc | gcattctgag | 360 |
| acctggccgc | ggctcggagg | cttcgcgcga | ctcgggtccg | ggtcctgtgg | gtccaagggc | 420 |
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| ggaggggcca | ctcgccctgg | cgggtccccg | cggggagagg | gtccgcgcgg | gtctccggcc | 540 |
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| aggggtgctg | agcaggggcc | tgcgctggag | gagctcccgt | tctcctgagg | ggacgcctgt | 660 |
| cagcagacag | caactgcagc | ctccggaggg | ctgcggggcg | cagaggtgac | aagaccacc | 720 |
| ggtgctgccc | gcgaaccggg | ggaagatctt | ctagccagtg | acacttgggg | gcgggggtga | 780 |
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| aggtcccttt | ctctatggta | tgtatactgc | ttgtgtttgg | gttgaagcac | tacctgacat | 12960 |
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<212> DNA

<213> Homo sapiens

<220>

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<222> (313)

<223> n equals a,t,g, or c

<400> 11777

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| cctcattcag | gaaaactcct | gtagcgccag | tgccagctc | tccttgagct | gaccactcca | 660 |
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| gggagtcgcc | tggccccaga | gtacattttg | agaaccttgg | actccttgaa | tatcatcgcg | 180 |
| tgtgtggccc | aacacccccca | cccccccgga | ggacagctag | ggacactgag | gctcacaggg | 240 |
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| ctctgtccct | tggaaagtagt | ctccgaacac | accgcctttt | tgcaggaaaa | gggtcttctt | 360 |
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| gagtttgtgt | gaattcaccc | gagacctgta | ggcagagtag | aaactccctt | accccccaaca | 480 |
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| agcatgaata | acacacctct | atttagcata | taatcaagaa | ataggccagg | cacggtgggt | 360 |
| catgcctata | actccagcac | tttgggaggc | tgaggcagat | ggatcacgag | gtcaggagtt | 420 |
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<213> Homo sapiens

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| aaccaggcac | cctgggtttgt | ttggagcatt | gctgccaga | agcttctatg | ggatagggtg | 1920 |
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| tggccacaaa | caaacatatt | caactgaagc | tttccaataa | tctttatatc | aagaaagcat | 2400 |
| gcgtcttctg | agctacattg | tttcttaga | tggatttctc | ctgttaatcc | tcaaatatct | 2460 |
| gaacttctgt | gttacccaag | tgtcttatac | aagcttctgg | tgtctaggac | aaatttatgg | 2520 |
| caaataaaat | tagcaaaact | gaactgggtt | gaactgaaca | agaggatggg | ggaattgtgc | 2580 |

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| aaatacgttg | ttagtagaag | gtcaatttaa | aatagggact | agaaattatt | tgaagttttc | 2640 |
| tttattacgg | attcaaagac | ttatttttgaa | agttggaagg | agaagggagg | gaagagagca | 2700 |
| gaagggaaga | aggtgtaagt | caagctcttg | aatataactg | gtggtattgt | gggcagagat | 2760 |
| cttttagttca | aatccacgta | ttttttaaaa | gagagaaccg | gaggtagagc | aatgatcaga | 2820 |
| tgggtgcaca | gaccagtgcc | aatctgaaca | ttgttaatgg | cctgtgacat | gatgagcaca | 2880 |
| ggaacaggca | tgaagatatt | gccatacaat | tttaatttat | acaagtattg | gcccctcaag | 2940 |
| tgggttgaaa | tttttttttt | aatctctttt | tctgagacag | ggtcttactc | tgctgcccag | 3000 |
| gctggagtgc | agtgatgcaa | tcacggctca | ctgcagcctc | gacctcccca | gctcaagcaa | 3060 |
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| aattttttgca | ttttttgtag | agacaggggt | ttgccacggt | gcttaggctg | gtcttgaact | 3180 |
| cctgaactca | agtgatccgc | ccacctcagc | ctcccaaagt | gttgggatta | cagacattag | 3240 |
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| ccaaggcttc | tgtctactaa | ttctatttgt | cttgtgtttt | gcttgcttgg | caaaaaaaaa | 4080 |
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<210> 11781

<211> 4107

<212> DNA

<213> Homo sapiens

<400> 11781

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| gcgtttacca | atatggcagt | gctttggctc | atttcttcta | cagctctgac | caggcctggg | 120 |
| atgaccgggt | ctggcttttc | ttcttgccag | cagctgcctt | ctgtggctgg | ttatcttgtg | 180 |
| ctggctgttg | ctatgccaaa | tatcgttacc | ggaggcctta | tccagtcatg | aggaagatct | 240 |
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| tggcgctctg | tcacctggct | ggctgccagg | agcaagcagc | ctggtagcac | accctccaga | 360 |
| tcctcttctt | cctgggttagc | gcttatttct | tctcctgcc | cgtgcctgag | aagtacttcc | 420 |
| cgggttctctg | tgacatcgtg | ggccatgggc | atcagatctt | ccatgcattt | ctgtccatct | 480 |
| gtacgctctc | ccagctggag | gccatcctcc | tggactacca | ggggcggcag | gagatcttcc | 540 |
| tgcagcgcca | tggaccctta | tctgtccaca | tggcctgcct | ctccttcttc | ttcctggctg | 600 |
| cctgcagtgc | tgccaccgca | gcccttctga | ggcacaaagt | caaggccaga | ctgaccaaga | 660 |
| aagattcctg | aggctggcaa | gtggggcaac | gtgtggagga | agccctcat | aatttggaga | 720 |
| aaacttgata | caatagaagc | tgactcttaa | ggcattggct | tttaaattaa | tacatatatc | 780 |
| caaggatatg | ttatagctgc | agtgtttgaa | agccaaagga | tttaagagtt | ttgttgttgt | 840 |
| taataaaaagg | aatactcctt | ttccttttgg | atcatagctt | aacaaggcac | aggaaggga | 900 |
| gggatcttga | ctaagattca | tgagacattg | aattaaggag | aatcatcttc | atgcctgaaa | 960 |
| atttagcaaa | attccgacta | tggcctccag | gggcaattcc | taaaagctga | atggataata | 1020 |
| aaattggact | ggaaagtaag | taggtggctg | gtcctcacc | tgttggaatg | gctatcctac | 1080 |
| tatgctgttc | tttggtaatg | gaataaattg | acccaaggac | cgaatttcat | ttggatttca | 1140 |
| aattgtccag | agtggaaaag | ccttcaagat | gacatgatga | attactcagt | tcactctgatt | 1200 |
| tctggctcct | cctttctcga | caactataat | actaaccctt | ttctcaggat | aactgtctac | 1260 |
| acctggcagt | tttctctgac | gtgctgttca | ctcacatccc | taccttgcac | ggtaataata | 1320 |
| aggactagga | agcagtcata | cttccaggaa | atgcttggat | tcagtgtggc | attcaggaag | 1380 |
| cttattctca | tataatacta | atctaacacg | tactagaaat | tacagtgcc | agagccacca | 1440 |
| ggaggcccag | ccaataagca | tagatactat | atgggtatcat | gggaccatc | tattttttac | 1500 |
| cagtggacta | caggattact | tgagagttat | cagggctgcc | taacagacca | ggagatctgg | 1560 |

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| agttgggttct | aaggatccct | ctaggggacct | cattatttca | agaggaaccc | aaagtccagc | 1680 |
| ctcctacata | gatgctgccc | cacgaaggac | ccacaaaact | aacctagtct | agggttctca | 1740 |
| ggcaggcagt | tctgcttcag | cttagagcag | aacccataaa | atactcaagt | actgggatag | 1800 |
| gcaagcatgt | gtgtttactg | tggattggtc | cctgaaggct | cctttgggtg | agaacatgtg | 1860 |
| aaccaggcac | cctggtttgt | ttggagcatt | gctgcccaga | agcttctatg | ggatagggtg | 1920 |
| tgcttgggat | tgatgtgttg | tggccatgca | gccctccctg | aggattgact | tctgcactaa | 1980 |
| tccagtgaag | gaggctgtgt | caaaagaagg | gctcagaagc | cctcttttca | gaggcaatga | 2040 |
| ttcctgtcag | tatgaggtcc | cttagttact | aaaaaggac | atgatttaac | tccagtttga | 2100 |
| tgaacctcct | ccgagtttac | tttattgtct | tcaaactctt | tgttttcttc | ctttttgtga | 2160 |
| gattttgtggg | ttttgtgcct | tataaatgga | aatgtatgaa | cacaatatat | gctcatgtgg | 2220 |
| aattttctgt | tctgggttat | tgggataaga | aaaaatatat | attgctcttc | aactagttaa | 2280 |
| tgaagaaaac | ttcagaaaagc | tagaattgct | tatcaatcaa | aagactttct | caatctatct | 2340 |
| tggccacaaa | caaacatatt | caactgaagc | tttccaataa | tctttatatc | aagaaagcat | 2400 |
| gcgtcttgtc | agctacattg | ttttctttaga | tggatttctc | ctgttaatcc | tcaaatatct | 2460 |
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| caaataaaaat | tagcaaaaact | gaactgggtt | gaactgaaca | agaggatggg | ggaattgtgc | 2580 |
| aaatacgttg | ttagtagaag | gtcaatttaa | aatagggact | agaaattatt | tgaagttttc | 2640 |
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| ccatcacgcc | tgccctagaa | acagtttttt | aataggagat | atgtgagagg | cattgaggta | 3300 |
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| agaaatagga | atttaagtcc | atagaatgaa | ggtagttatt | cctgcctgtg | ttgcccacct | 3900 |
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| ccaaggcttc | tgtctactaa | ttctattggt | cttgtgtttt | gcttgattgc | ttggcaaaaa | 4080 |
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<210> 11782

<211> 241

<212> DNA

<213> Homo sapiens

<400> 11782

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| ctactgaaaa | tacaaaatta | gccaggcggtg | gtggcacatg | cctgtaatcc | cagctacttg | 120 |
| ggaggctgag | gcaggagaat | tgcttgaacc | cgaggaggcg | aggttgtggt | gagccgagat | 180 |
| ggtaccattg | cattccagcc | tgggcaacaa | gagtgaaact | ctgtctcaaa | aaaaaaaaaa | 240 |
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<210> 11783

<211> 241

<212> DNA

<213> Homo sapiens

<400> 11783

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| ctactgaaaa | tacaaaatta | gccaggcgtg | gtggcacatg | cctgtaatcc | cagctacttg | 120 |
| ggaggctgag | gcaggagaat | tgcttgaacc | cgggaggcgg | aggttgtggt | gagccgagat | 180 |
| ggtaccattg | cattccagcc | tgggcaacaa | gagtgaact | ctgtctcaaa | aaaaaaaaaa | 240 |
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<210> 11784

<211> 46843

<212> DNA

<213> Homo sapiens

<400> 11784

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| acgtccctag | acagcctcct | atttttaccac | taactttact | cctgcagtta | ttcagcggta | 120 |
| ggaaactgaa | acaaaaaacc | agtgtaaagca | agtaaacatc | taaactgttt | caggagccgc | 180 |
| gtagaaggaa | cgcggcgggtg | tgccccggaa | gcggaagtag | attctcctat | agaaaggctg | 240 |
| gactacgcgg | agtgggtgacg | tttcctcatt | ggcggaagg | ttcgctggca | ctccgttggg | 300 |
| cttcacagctg | gtgggagttg | acgacgtggt | gctgggcgtt | gggaccctac | tttatctagt | 360 |
| tcgggaagtt | gggttgtggg | gtcatacctg | tctgtctgct | cccagctttc | ttgggtttct | 420 |
| tccgacggcg | tggggcctcg | ctaagggaatt | cccggccctc | cagggccacg | gctttagcgg | 480 |
| tgtcttttgc | ggtaagtgtc | tgctttttcc | cgccccagac | tacggagggg | gagcgagggg | 540 |
| cagccccagc | gctgctcagg | aggcgagaga | ctccggggga | agtcggcctc | cgtggccacc | 600 |
| ggccatcggt | accgagactg | agtttctgtg | gctctttatc | tcgtcttcca | tgagaagttt | 660 |
| tattaaagat | gcgctgtgcc | ccttttgagt | tgtcttccga | tttacctgag | ccaaataaga | 720 |
| tgtaggcagt | tgaggccctg | agtcttcggt | ttgctttcct | gagcaagaat | ttagatgaag | 780 |
| ctacttcccc | gaaaatcctt | ttacttgtac | gagactttta | tttttcctat | gtgtttgtag | 840 |
| tgcttaacac | aatgtcctgc | gtgtagtaga | cgttcaataa | acgaatatgg | aatatcagtt | 900 |
| gaatgccaat | gatgatttaa | gatagactga | tagctctctc | tgtaccattt | gacgtgctg | 960 |
| accatccatt | tcttgaaact | ttcccctgct | gcctttcttc | atgctatcct | cacctgattc | 1020 |
| tttcacatgc | ttaatttaac | aaaatatata | cttggttcttg | gctacaagga | tacagaaatg | 1080 |
| aataacacta | actctgccat | tgagaagcta | acgcacataa | atacacatta | tatcaagatg | 1140 |
| ggtaatgaga | aacactagtt | gcatataaag | agctgtagaa | agctgtggga | gagctaaagt | 1200 |
| gctccttagg | tgctttgtga | ccctgagcca | gtttctattc | caatctagcc | tcaatttcct | 1260 |
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| cgctttttct | cagttttttg | atatggccaa | ctgggtattt | ctacctta | atagagtact | 1440 |
| atgcaaaagc | atcttcaagt | cttccttcca | gattactcct | ctgtccccat | ctatttggaa | 1500 |
| attctggacc | tgccacagga | ttacaggaag | ataaccataa | atgtagcttt | ttaaaaattg | 1560 |
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| ccaaatggtc | ttccacaggc | tctcctcgag | gcttctcgct | tgcttccatg | gcattgtccc | 1740 |
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| ccttatttgc | tctgtcgccc | agactggagt | accgaggcac | catctcgggt | cactgcaacc | 1860 |
| tccgcctccc | aggttcaagc | aattctcctg | cctcagcctt | ccgagtagct | gggattacag | 1920 |
| gtgcctgcca | ccacgcccag | ctaatttttg | tgtttttagt | agagatgggg | ttccaccatg | 1980 |
| ttggccagggt | tggtcttgaa | ctcctgacct | gaagtgatec | gcctgcttcg | gcctcccaaa | 2040 |
| gtgctgggat | tacagggtgtg | agccaccatg | ccctgcctaa | accttattct | ttagcctcca | 2100 |
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| aattttgtga | tacaagtagg | ttaaattttt | aaaaggatta | taagggtgtg | gagcaatggc | 2340 |
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| atctatgtac | acatccttca | taaaaagtga | aacattaaaa | ataatacatt | aagtcctttt | 2580 |
| gacctcttct | ctattaactc | ctctgacttt | caaaccacct | tccctttttg | ccttccattc | 2640 |
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| | | | | | | |
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| accttttttg | ctgcaaaagt | acgaattggg | gctgtgatat | tattttacat | aaaaatgagtt | 3480 |
| ttaaaatttg | aaaaacaatt | actttaatga | agagaaagtt | gcttgatact | tcttgatata | 3540 |
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| ttgaagggag | tcttgtgtta | aactgttata | tttgattagg | aattagaact | tctctcatgc | 3660 |
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| gctttctctt | gaaaagcaac | ctctcctgcc | accagatcc | catctcaaga | gctcgcccat | 7260 |
| gttacgagca | tgtaaaggac | tgacttccta | gtaactgttg | cagtttacia | cctgcccctc | 7320 |
| agggacacgt | ctccatggtt | tttctacac | atgaatgcga | gaaatggctg | ataagcacag | 7380 |
| taattttaaga | ttgcgtattc | atgtagtgag | atttagtcat | taaccaaccc | ggtcttttgt | 7440 |
| atgtgtgaag | ccttcccttc | agttatgtcc | catttttatg | atgccaaaag | ctgccactgt | 7500 |
| gtggtattcg | aggattattg | caacaaagcc | agtagttaaa | ccaaactaca | gtctcagcct | 7560 |
| gtcattctct | agaacacatc | caggtgtcgg | agtaagggtg | ttcagctcgg | ctgtgactat | 7620 |
| acagaaccag | gcctggcggt | gcttccgcac | cggtagcagt | tgtggatgtc | agtgtgcata | 7680 |
| agcaagtatc | agacctcaga | atgtttgagt | tattttgtct | tagatatctg | tttttaaattg | 7740 |
| gataatgtat | ttgtccttta | aacctcagtt | ttgcaatatg | tttcacagct | tgtctccttt | 7800 |
| caactaactg | ggtaccctac | cccaccgcgc | accactgac | agcaaaacct | caaccctggg | 7860 |
| cctacagaca | cagaatgaac | ctgcacaggt | aggttttcat | tatttattta | tgacaaatat | 7920 |
| tccacatctg | tgattctctc | cagtcacaaag | ttcctagaac | caggggaaaa | ggacaacctt | 7980 |
| aagaccacgc | ctctggagca | gtcctagtcc | actcactctg | cccaaattgt | agcccccac | 8040 |
| cttactttga | gacgatgcc | tcggcatttg | ccaactggag | aatggaaatca | ctgactcac | 8100 |
| ccttaagaaa | aaaaaaaaag | cacactaaga | atatttccac | tccggctgcc | tgagatggca | 8160 |
| gaaggtcagc | tgtgccacca | gccacgtctt | ctccccgcct | gagcgaatgg | agacaggcgc | 8220 |
| agaaggggag | ccacctctcc | cggggcagcc | tgcagcctga | ctatggtgga | gcggggctcg | 8280 |
| gggggcacct | cctagtgaga | ggcagagtct | gctgcctgag | tgtcttctca | gagcaccctt | 8340 |
| cttccaccct | caagaagcgg | caggcgccca | gcccagtcca | gctggctcaa | actactctgc | 8400 |
| cagcagatct | actcaggcac | catcacacac | tccaatgcgc | acggtaaagt | ccacgatgtc | 8460 |
| ccgaagtgat | gagcaaagcc | cagggaaaca | ctcaccatcc | tacgaatgga | cccgcagata | 8520 |
| gcataagttt | taaactggcc | attaaacctg | cctgtgacct | tgtcaacctc | gaaagagaag | 8580 |
| aagggtcaca | aacctctccc | ccaggttttg | gaaacaccaa | tcttcaaagc | cagcctctgc | 8640 |
| ctgtaccttc | ccccaggggg | ctcctccaca | atgggacagc | ctgcctttcc | cgcacatata | 8700 |
| tcacaacctt | cccgctctcc | gggctcccag | ctcacctcgg | ccacgttcat | ctggatggat | 8760 |
| gcgtggctct | tggcaccgat | gatgcgattg | ctagcggagc | tgtggagaaa | gggcgcagtg | 8820 |
| agcagagggg | acttgggcgg | taagaatgaa | agaggggacg | agggaggttg | ggggtatatg | 8880 |
| aatggaaaag | agtaacgtcg | ggggcaggac | aagttaggga | cgtgacgagg | taaggacggg | 8940 |
| aggggtgtgg | gggaacaagg | gcaggcgagg | gg | | | |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| cacccagcac | cccgaccccc | gtcccccgcg | tccaagcccc | cactcccgcc | ccagccccag | 9240 |
| ccctgagccc | gaagcccccg | ccgcgcgcca | cacctgctgc | caccacaccg | cgcgcgagag | 9300 |
| agaaaggaag | cagctagtca | cccggcagag | atatcggcgg | gcaaggaggg | gcctcggcga | 9360 |
| g | | | | | | 9361 |

<210> 11790
 <211> 683
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|-----|
| <400> 11790 | | | | | | |
| cgcacttccg | cttccggcaa | ggaggttctc | ggacccccagc | ctgctggccc | tggggcgcg | 60 |
| ggcgtcgtgg | gggtcgttgt | cgttgagggg | cggtgccgtg | tgtggcgtct | tagcctggcc | 120 |
| cctgggttgt | gccccacgga | cgcagtcgac | ccctctgagc | gcctcgggag | ccccgaatag | 180 |
| cagctgggag | aaggggcgag | gactgagcct | cgctgcccgc | tgccggcccg | gctagagata | 240 |
| cgggcggtgc | ccccattgtg | cgctcccgcc | cctccggtcc | cctcaccctg | cgggcacctg | 300 |
| gggcgtgggg | cggtgctcct | gcccgtgcac | gtagccgctg | cgagcggagg | cctgctcacc | 360 |
| tggtgcctgc | tactcactcc | cccgggcccg | tgggcgaagg | acacccgcag | gaactcggca | 420 |
| gaggagaaat | tcagacgggt | cccaggggta | ggaaaagacc | ccggcccacc | gtggaatctg | 480 |
| aaacacccga | ccactctgcc | atcccatgtt | tcaccagtca | gacccccagg | gcagggcagg | 540 |
| ggaagcagaa | tgcaaactgg | ggcaccgttt | ccctgaagcg | tgttggccgc | gtttgtcgtg | 600 |
| gtgctagagg | tgcataccct | tggacccccg | aaacccattc | ctgggaattt | gctccaagga | 660 |
| agtaaagatg | ttacaaagat | gga | | | | 683 |

<210> 11791
 <211> 131
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| <400> 11791 | | | | | | |
| gtggtggcgg | gcgcctgtag | tcccagctac | tcgggaggct | gaggcaggag | aattgcttga | 60 |
| actcaggagg | cggaggttgc | agtgagcaga | gatcgcgcc | ctgcactcca | gcctggcgac | 120 |
| agagtggagac | t | | | | | 131 |

<210> 11792
 <211> 184
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| <400> 11792 | | | | | | |
| cgtggtggcg | ggcgcctgta | gtcccagcta | ctcgggaggc | tgaggcagga | gaatggcgtg | 60 |
| aacctgggag | gcggagcttg | cagtgagccg | agatcgcgcc | actgcactcc | agcctgggag | 120 |
| acagagcgag | agtccgtctc | aaaaaaaaaa | aaaaaaaaaa | aaagaaaaaa | gaacaaacaa | 180 |
| cagc | | | | | | 184 |

<210> 11793
 <211> 143
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| <400> 11793 | | | | | | |
| gtagtcccag | ctactgggga | ggctgaggca | ggagaatggc | gtgaacctgg | gaggcggagc | 60 |
| ttgcagtgg | ccgagatcgc | gccactgcac | tccagcctgg | gcgacagagc | gagactccgt | 120 |
| ctcaaaaaaa | aaaaaaagaa | atg | | | | 143 |

<210> 11794

[illegible]

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<210> 11795
<211> 153
<212> DNA
<213> Homo sapiens
```

```
<210> 11796
<211> 1406
<212> DNA
<213> Homo sapiens
```

10704

| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|------|
| tttttggcag | tggtgaggat | gagattgatg | gagttgctgc | tttagcttat | tggagggtgtg | 840 |
| gatcatttta | ttttttgtgt | ttgaccggtc | aagtgactta | gtgagaaggg | ggaagtagta | 900 |
| gaacaaggag | ttccatctgt | aactgtgaac | agtcaattgt | gataactcac | tacctttaga | 960 |
| ccagtcaata | attattttaa | agcctgggat | tatacaatat | ttgtttaact | atggatatcaa | 1020 |
| tttgtaactt | aaattcatct | caattctttg | tcctaagcag | ctctcagttt | catttttttt | 1080 |
| gtttgctgta | gaagaaaata | ttaagccagg | ctgggcacgg | ctggctcacg | cctgtaatcc | 1140 |
| cagcactttg | ggaggccgag | gcaggcggat | cacgagggtca | agagattgag | accatcctgg | 1200 |
| ccaacatggt | gaaaaccggt | ctctactaaa | atacaaaaat | tagttgggtg | tggtggcgca | 1260 |
| cgctgtagt | cccagctact | cgggaggctg | aggcaggaga | gtggcgtaaa | cctgggaggc | 1320 |
| ggaggttgca | gtgagccgag | atggcgccac | tgcactccag | cctggcgaca | gagtgagact | 1380 |
| ctgtctaaaa | aaaaaaaaaa | aggaaa | | | | 1406 |

<210> 11797

<211> 193

<212> DNA

<213> Homo sapiens

<400> 11797

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| cgggcggtgg | agcgggagcc | tgtagtccca | gctactcggg | aggctgaggc | aggagaatgg | 60 |
| cgtgaacccg | ggaggcggag | cttgtagtga | gccgagatcg | cgccactgca | ctccagcctg | 120 |
| ggcgacagag | cgagactccg | tctcaaaaaa | aaaaaaaaaa | aaaaaaaaaa | aaaaattgac | 180 |
| tcctaataca | aaa | | | | | 193 |

<210> 11798

<211> 153

<212> DNA

<213> Homo sapiens

<400> 11798

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| gggcgtgggtg | gcggggcgct | gtagtcccg | ctactcggga | ggctgaggca | ggagaatggc | 60 |
| gtgaaccccg | gaggcggagc | ttgtagtgag | ctgagatcac | cccactgcac | tccagcctgg | 120 |
| gcgacagagt | gagactctgt | ctcaaaaaaa | aaa | | | 153 |

<210> 11799

<211> 150

<212> DNA

<213> Homo sapiens

<400> 11799

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ggcgctgtga | gtcccagcta | ctcgggaggc | tgaggcagga | gaatggcgtg | aaccggggag | 60 |
| gcggagcttg | cagttagctg | agatcgcgcc | actgcactcc | agcctgggag | acagagcgag | 120 |
| actctgtctc | aaaaaaaaaa | aagaattggc | | | | 150 |

<210> 11800

<211> 142

<212> DNA

<213> Homo sapiens

<400> 11800

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| cccagctact | caggaggctg | aggcaggaga | atggcgtaaa | cccgggaggc | ggagcttgca | 60 |
| gtgagccgag | atcccggcac | tgcactccag | cctgggagac | agagcgagac | tccgtctcaa | 120 |
| aaaaaaaaaa | aaaaaaaaatg | ga | | | | 142 |

<210> 11801

<211> 268

<212> DNA

<213> Homo sapiens

<400> 11801

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| cggccgaatt | ctgccctccg | ctaacgagct | atagctttgt | ggaaatgggc | gagtggcgtg | 60 |
| cccttgtag | cctcagggcc | gcatctgtaa | aatgggcata | actgtcatgc | ctgtctttaa | 120 |
| gaacagcctt | gggggtaaat | gagtggaaact | catggaaaga | tctcagccca | caaccttcca | 180 |
| cagaacaggc | gcttctcaca | cagtaagtag | caggagtgc | gaggctgcag | gcatgaatcc | 240 |
| agccagactg | cctgggttca | agtcccag | | | | 268 |

<210> 11802

<211> 1548

<212> DNA

<213> Homo sapiens

<400> 11802

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|------|
| agcagctctt | gcagtgggtg | ggcgacttgc | tgctgtacct | gctggccagc | ctacccaacc | 60 |
| aggtgcgcca | tgctctcccc | taaggccccg | ccccccacct | gggcccccat | ctcatcagga | 120 |
| ccccgcttcc | ctgccccctg | ccctcaaaaac | cacctcagcc | ccgccccctag | ttggagtccc | 180 |
| gccccctactt | ggagtccccg | ccctacttgg | agtcccgcgc | ctgcttggag | tcccacctca | 240 |
| gccccgcccc | tggttggagt | cccaccccta | cttggagtcc | cacttccctga | gtctgtctct | 300 |
| tcttaaaccc | ccacttccca | gcccctgcccc | acttccctagc | cctgccccac | ttccctagccc | 360 |
| tgccccacct | cggagccccg | ccccatctcg | gagccctgcc | ccacctcgga | gccccctccc | 420 |
| acctcgagc | cctccccccac | ctcggagccc | tgccccacct | cggagccctg | ccccacctcg | 480 |
| gagccctgcc | ccacctcgga | gccccctccc | acctcgagc | cctccccccac | ctcggagccc | 540 |
| tgccccacct | cggagccctc | ccccacctcg | gagccctcct | ctccatgaag | cctctgctgt | 600 |
| aagaagcctt | tccttggcca | cacccttccct | gcccattctc | aaagccccgc | ctcccaggcc | 660 |
| ctgctccttc | tcagccccac | ccctacacga | aggccgggtc | gccttgctcc | tgctgctgct | 720 |
| gccccacccc | cttaccctcc | ccagctccct | gcgcctgggg | tgggcgccct | tgaaatcaag | 780 |
| tctccatcca | cacctccacc | ttcagttttg | cggcttgtgc | gccccctgacc | agggctccaa | 840 |
| ccctgcccc | acccccccgc | cgggtacactc | tgctctgccc | cagctgtgat | ttcttctgcc | 900 |
| ccaccacccc | ggcttccatc | tgccctgggg | cccgccttc | tccaccgcgc | ccatcacgga | 960 |
| cggtttgaag | tcctctctct | ctttttgtgg | gcttttaggc | tgccaggggc | caccctggg | 1020 |
| gcctccccct | ccctggctct | ctcagctccc | agtagagtca | ccagggggcc | gggcccgcag | 1080 |
| ctgtaggagg | gggcggtgc | tcctccacgt | gcaggtgggg | atattggcct | cagccagagc | 1140 |
| ctcgtcttag | tcttgtggac | tctcagggat | gggacgactc | tgcaaatggg | gctgtcctgg | 1200 |
| gcccctgcagg | gctctgagca | gcgtcccccg | catccacca | ctcggtgcca | gaagcacccc | 1260 |
| agtcctgacc | accacaaatg | tcccagaccc | tgcccattgc | cccccggtcg | gggttccacc | 1320 |
| gaccccaaga | cacttcatcc | catcgccatc | tgccccccgc | cgccccagcc | acaccgatgc | 1380 |
| ctctttcggg | cagggttccc | tgctgaggcc | gggccacagc | tttctgctgg | acggcacctc | 1440 |
| gctgggcctg | cttcgggaat | tgatggtggt | catccgcac | tggggccttc | tgaagcccag | 1500 |
| ctgcctgccc | gtgtatacgg | ccacctagga | taccagggac | agcatgtc | | 1548 |

<210> 11803

<211> 4704

<212> DNA

<213> Homo sapiens

<400> 11803

| | | | | | | |
|-------------|-------------|------------|------------|-------------|------------|-----|
| tattattata | ctttaagttt | cagggtacat | gtgcacaatg | tgagggtttg | ttacacatgt | 60 |
| atacatgtgc | catgttggtg | tgctgcaccc | atcaactcgt | catttagcat | tagatatatc | 120 |
| tcctaattgct | atccctcccc | actcccccta | ccccacaaca | gtccccgggtg | tgtgatgttc | 180 |
| cccttccctgt | gtccatgtgt | tctcattggt | caattctcat | ctatgagtga | gaacatgtgc | 240 |
| tggtttggtt | tttgtccttg | caatagtttg | ctgagaatga | tggtttccag | cttcatccat | 300 |
| gtccctacaa | aggacatgaa | ctcctccttt | tttatggctg | catagtattc | catggtgtat | 360 |
| atgtgccaca | ttttcttaat | ccagtcatac | attgttggac | atttcggttg | gttccaagtc | 420 |
| tctgctattg | tgaaatagtgc | cgcaataaac | atacatgtgc | atgtgtcttt | atagcagcat | 480 |
| gatttacaat | cctttgggta | tataccaggt | aatgggatgg | ctgggtcaaa | tggtatttct | 540 |
| agttctagat | ccctgaggaa | tcgccacacc | gacttccaca | atggttgaac | tagtttacag | 600 |
| tcccaccaac | agtgtaaaag | tgttcctatt | tctccacatc | ctctcagcac | ctgttgtttc | 660 |

| | | | | | | |
|-------------|--------------|------------|-------------|-------------|-------------|------|
| ctgacttttt | aatgatctcc | attctaactg | ttgtgagatg | gtatctcatt | gtgggttttga | 720 |
| tttgcatthc | tgatgatggc | cagtgatgat | gagcattttt | tcatgtgttt | tttggctgca | 780 |
| taaatgtctt | cttctgagaa | gtatctgttc | atatacctttg | cccacttttt | gatgggggtg | 840 |
| tttgtttttt | tcttgtaaaa | ttgtttgagt | tcattgtaga | ttctggatat | tagccctttg | 900 |
| tcagatgagt | aggttgcaaa | aactttctcc | cattctgtag | gttgccctgtt | cactctgatg | 960 |
| gtgggtttctt | ttgctgtgca | gaagctcttc | agtttaatta | gatcccattt | gtcaattttg | 1020 |
| gcttttgttg | ccattgcttt | tggtgtttta | gacatgaagt | tcttaccat | gcctatgtcc | 1080 |
| tgaatgggat | tgcttaggtt | ttcttctagg | gtttttatgg | ttttaggtct | aacatgtaag | 1140 |
| tctttaatcc | atcttgaatt | aatttttcta | taaggtgtaa | ggaagggatc | cagtttcagc | 1200 |
| tttctacata | tggtctagcag | gttttccag | caccatttat | taaataggga | atcctttccc | 1260 |
| cattgcttgt | ttttgtcagg | tttgtcaaa | atcagatagt | tgtagatatg | tgacattatt | 1320 |
| tctgagggct | ctgttctgtt | ccattgggtc | atatactctg | tttggtagca | gtaccatgct | 1380 |
| gttttgggta | ccatagcctt | gtagtatagt | ttgaagtcag | gtagtgtgat | gcctccagct | 1440 |
| ttgttctttt | ggcttaggat | tgacttggca | atgtgggctc | ttttttgggt | ccatatgaac | 1500 |
| tttaaagtag | ttttttccaa | ttctgtgaag | aaagtcattg | gtagcttgat | gggaatggca | 1560 |
| ctgaatcttt | aaatgacctt | gggcagtatg | gccattttca | cgatattgat | tcttctacc | 1620 |
| catgagcatg | gaatgttctt | ccatttgttt | gtatccccct | ttatttctatt | gagcagtggt | 1680 |
| ttgtagtctt | ccttgaagag | gtccttcaca | tcccttgtaa | gttggattcc | taggtatttt | 1740 |
| atttctctttg | aagcaattgt | gaatgggagt | tcactcatga | tttggctctc | tgtttctctg | 1800 |
| ttattgggtg | ataagaatgc | ttgtgatttt | tgcacattga | ttttgtatcc | tgagactttg | 1860 |
| ctgaagtgtg | ttatcagctt | aaggagattt | tgggctgaga | tgatgggggt | ttctagatat | 1920 |
| acaatcatgt | catctgcaaa | cagggacaa | ttgacttctt | cttttcgtaa | ttgaatgccc | 1980 |
| tttatttctt | tctctctgct | gattgccctg | gccagaactt | ccacactatg | ttgaatagga | 2040 |
| gtgggtgagag | agggcatccc | tgtcttctgt | cagttttcaa | agggaaatgct | tccagttttt | 2100 |
| gcccattcag | tatgatattg | gctgtgggtt | tgtcatagct | agctcttatt | attttgagat | 2160 |
| acatcacatc | aataccta | ttattgagag | tttttagcat | gaagcattgt | tgaattttgt | 2220 |
| caaaggcttt | ttctgcatcc | attgagataa | tcattgtggt | tttgcctttg | gttctgttta | 2280 |
| tatgctggat | tacgtttatt | gattttctgt | tgttgaacca | gccttgcac | ccaggaggga | 2340 |
| agcccactag | atcatgggtg | ataaaacttt | tgatgtgctg | ctgtattttg | tttgccagta | 2400 |
| ttttatttag | gatttttgca | tcaatgttca | tcaaggatat | tgggtctaaaa | ttctcttttt | 2460 |
| tgggtgtgtc | tctgccaggc | tttggatatc | ggatgattct | ggccacataa | aatgagttag | 2520 |
| ggaggattcc | ctctttttct | attgattgga | atgtttctag | aaggaaatggt | accagctcct | 2580 |
| ccttgtacct | ctggtagaat | tccgctgtga | atccatctgt | tcttggactt | tttttgggtg | 2640 |
| gtaagctatt | gattatttcc | tcaatttcag | tgcctgttat | tgggtatattc | agagattcaa | 2700 |
| cttcttctctg | gttttagtct | gggaggatgt | atgtgtcaag | gaatttatcc | atttcttcta | 2760 |
| gattttgtag | tttatttgca | tagagggtgt | tatagtattc | tctgatggta | gtttgtattt | 2820 |
| ctgtgggagc | gggtgggtgata | tcccccttat | cattttttat | tgcgtctatt | tgattcttct | 2880 |
| ctcttttctt | ctttattagt | cttgtctgtc | atcaattttg | ttgatctttt | caaaaaacca | 2940 |
| gctcctgaat | tcattaattt | tttgaagggt | tttttgtgtc | tctatttctt | tcagttcttc | 3000 |
| tctgatctta | gttatttctt | gccttctgtc | agcttttgaa | tgtgtttgct | cttgccttctc | 3060 |
| tagttctttt | aattgtgatg | ttagggtgtc | aaatttagat | ctttcctgct | ttctcttttg | 3120 |
| ggcatttagt | gctataaatt | tccctctaca | cactgctttg | aatgtgtccc | agagattctg | 3180 |
| gtatgttgtc | tttgttctca | ttgggttcaa | agaacacctt | tatttctgcc | ttcatttctg | 3240 |
| tatgtaccca | gcagtcattc | aggagcaggt | tgttcagttt | ccatgtagtt | gagtgggttt | 3300 |
| gagtgaagtt | cttaatcctg | agttctagtt | tgattgcact | gtgggtctgag | agacagtttg | 3360 |
| ttataatttc | tgttcttttg | catttgcctg | ggagtgcctt | acttccaact | atgtcaattt | 3420 |
| tggaatagg | gtgggtgtgt | gctgaaaaga | atgtatatcc | tgttgatttg | gggtggagag | 3480 |
| ttctgtagat | gtctattagt | tccgcttggg | ttagagctga | gttcaattcc | tgggtatcct | 3540 |
| tgttaaactt | ctgtcttgtt | gatctgtcta | atgttgacag | tgggtgttta | aagtctctga | 3600 |
| ttattattgt | gtaggagtct | aagtctcttt | gtagttcact | aaggacttgc | tttatgaatc | 3660 |
| tgggtgctcc | tgtattgggt | gcataatata | ttaggacagt | ttgcttttct | tgttgaattg | 3720 |
| atccctttac | cattatgtaa | tggccttctt | tgtctctttt | gatctttgtt | ggtttaaagt | 3780 |
| ctgttttatc | agagactagg | attgcaatcc | ctgccttttt | ctgttttcca | tttgccttgg | 3840 |
| agatcttctt | ccatcccttt | attttgagcc | tatgtgtgtg | tctgcacgtg | agatgggttt | 3900 |
| cctgaataca | gcacactgat | gggtcttgac | tctttatcca | atttgccagt | ctgtgtcttt | 3960 |
| taattggagc | atttagccta | tttacattca | aagttagtat | tgttatatgt | gaatttgatc | 4020 |
| ctgtcattat | tatgtcagtt | ggttattttg | ctcatagttt | gatgcagttt | cttccctagcc | 4080 |
| tcgatggctc | ttacaatttg | gcatgttttt | gcagtggctg | gtactgggtg | ttcctttcca | 4140 |
| tgttttagtgc | ttcttctctc | aggagctctt | ttaggacagg | cctgggtggg | acaaaatctc | 4200 |
| tcagcatttg | cttgtctgta | aagtattttt | tttctctctc | acttatgaag | cttagttttg | 4260 |
| ctggatatga | aattctgggt | tgaaaattct | tttcttttaag | aatgttgaat | attgcccccc | 4320 |

| | | | | | | |
|------------|-------------|-------------|------------|------------|------------|------|
| actctcttct | ggcttgtaga | gtttctgcca | agagatcagc | tgtagtctg | atgtgcttcc | 4380 |
| ctttgtgggt | aaccgcacct | ttctctctgg | ctgcccttaa | cattttttcc | ttcatttcaa | 4440 |
| ctttggtgaa | tctggcaatt | atgtgtcttg | gagttgctct | tctcgaggat | tatctctgtg | 4500 |
| gtgttctctg | tatttctctga | atttgaatgt | tggcctgcct | tgctagattg | gggaagttct | 4560 |
| cctggataat | atcctgcaga | gtgttttcca | acttggttcc | attctccccg | tcactttcag | 4620 |
| gtacacaaaa | cagacgtagg | tttgggtcttt | tcacatagtc | ccatatttct | tggaggcttt | 4680 |
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<210> 11804
 <211> 578
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
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| ccgtccgttc | attctcttgc | tctacagatt | ggcttccctc | atctgatagt | ggaacatggt | 120 |
| tgtcaaaact | cacaaatttc | acatcttgca | acattcacca | tcagtgaggt | gtttacttac | 180 |
| tttgagtttg | aaaaattgag | ggaaaggctc | tgagtggcct | tgcatgggtt | agatgcccat | 240 |
| ctctggacca | atcagctatg | gccaggggta | caatctttaa | gaatataggc | tgggcacggt | 300 |
| ggctcatgcc | tacaatccca | acactttggg | aggctgaggt | gggaggatcg | cttgagttca | 360 |
| ggagttcgag | accagcctgg | ccaacatagg | aaaaccccga | ctctactaaa | aacacacaca | 420 |
| caaatgagct | gggcatgggt | gtgcatgcct | gtaggaggct | gaggcaggag | agtcacttga | 480 |
| acctgggagg | cagaagtgtg | attgagctga | gattgcacca | ctgtactcca | gcctggataa | 540 |
| cagagtgaat | ctccatctca | aaaagaaaaa | aaatatat | | | 578 |

<210> 11805
 <211> 144
 <212> DNA
 <213> Homo sapiens

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| tacttgcaac | ctccacctcc | cgggttcaag | tgattctcct | gcctcagcct | cctgagtagc | 120 |
| tgggattaca | ggcaccgcgc | acca | | | | 144 |

<210> 11806
 <211> 719
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
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| ggtgggctcc | tgctgctggc | catcacagcc | gtgctgggtg | cgtacaagcg | caagactcag | 120 |
| gacgcggacc | gtaccctcaa | gcgtctgcag | ctgcagatgg | acaacctgga | gtcccgtgtg | 180 |
| gccctggagt | gcaaggaagg | tgcttgaggc | ggggcgggat | gtggtgtgga | agctggggac | 240 |
| ctccctcctg | cccactcatt | ccctctctcc | acccccagc | ttttgcagag | ctgcagacgg | 300 |
| acatcaatga | gctgactaac | cacatggacg | aggtgcagat | ccccttctctg | gactaccgga | 360 |
| cttacgccgt | gcgcgtgctc | ttcccgggca | tcgaggccca | cccggtgctc | aaggagctgg | 420 |
| atgtgagcct | ctgcctggcc | tgccccccac | cattcccttc | agggccgccc | ccacctctctg | 480 |
| agacctcctg | ctccccacag | acgccaccca | acgtggagaa | ggccctgcgc | ctcttcgggc | 540 |
| agctgctgca | cagccgcgcg | ttcgtgctta | ccttcatcca | cacgctggag | gcccagagca | 600 |
| gcttctccat | gcgcgaccgc | ggcaccgtgg | cctcgctcac | catggtggcc | ctgcagagcc | 660 |
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<210> 11807
 <211> 340
 <212> DNA

<213> Homo sapiens

<400> 11807

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| tgtggtggcc | atgtgccctt | cgaggggaacc | cccacttcca | agtgccatcg | attctgtaga | 120 |
| gtgtagacgg | agggtcggcc | agcgagggca | gatgggtccc | cacatgctgc | tgagctcccg | 180 |
| ggagagtggg | gcagggggcca | ggtggtggcc | taagggtcac | atgcattctc | tgctccagag | 240 |
| agcttgctcc | gcacggccag | cagccctgat | agcctccgct | cacgggcacc | catgattacg | 300 |
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<210> 11808

<211> 4094

<212> DNA

<213> Homo sapiens

<400> 11808

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| tggggacagc | cctcccctga | gacaccgccc | ccggggccct | ccgccgcctt | ccctcttcgg | 120 |
| ggaccagcct | gacctcacct | gcttaattga | caccaacttt | tcagcgcagc | ctcgggtcctc | 180 |
| acagcccact | cagcccagagc | cccggcaccg | ggcggctctgt | ggccgctctc | gggactcccc | 240 |
| aggctatgac | ttcagctgcc | tgggtgcagcg | ggtgtaccag | gaggaggggc | tggcggccgt | 300 |
| ctgcacacca | gccctgcgcc | caccctcgcc | tgggcgggtg | ctgtcccagg | cccctgagga | 360 |
| cgagggtggc | tcccccgaga | aaggctcccc | ttccctcgcc | tgggccccca | gtgccgaggg | 420 |
| ttccatctgg | agcttggagc | tcagaggcaa | cctcatcgctg | gtggggcgga | gcagcggccg | 480 |
| gctggagggtg | ggcagagggg | ctaaagggtg | gcagagcggc | tgtccgcccc | ggggatttgtg | 540 |
| ggcctttctg | gctggcaggt | gctcacagcc | tctggactcg | taggtgtggg | acgccattga | 600 |
| aggggtgctg | tgctgcagca | gcgaggaggt | ctcctcaggc | attaccgctc | tgggtgttctt | 660 |
| ggacaaaagg | tgagcgtggc | ctgcctcagc | cccagatgtc | cccagccttt | gttggttagg | 720 |
| ccatactctc | ttgagtcttg | agttctggtt | ctcttcaact | gctgtactgt | atgattcgat | 780 |
| tgaccttctt | ggtgcccaga | tccacacctg | tgagcagagg | gcagtccact | tggatgggaa | 840 |
| ggtaacaatt | aaaagcgta | ggggtggccg | ggcgcggtgg | ctcacgcctg | taatcccagc | 900 |
| actttgggag | cccgaggcgg | cgggatcacg | aggtcaggag | atcgagacca | tcccggctaa | 960 |
| aacggtgaaa | ccccgtctct | actaaaaata | caaaaaatta | gccggggcgta | gtggcgggcg | 1020 |
| cctgtagtcc | cagctacttg | ggaggctgag | gcaggagaat | ggcgtgaacc | cgggaggcgg | 1080 |
| agcttgcagt | gagccgagat | cccgccactg | cactccagcc | tgggcgacag | agcgagactc | 1140 |
| cgtctcaaaa | aaaaaaaaaa | aaaaaaaaaa | aaaaagcggt | aggggtgtga | cgtgcttgga | 1200 |
| atagggcatg | gcacatgggtg | acctcccagg | gccttaagca | gtgacagtgg | ggagtgatat | 1260 |
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| ggagtctcag | ccacctgggt | tctggcccca | cctccaagct | ggtgaacctg | ggtctccacc | 1560 |
| cagtggccag | gtgccttctg | ccggacgcct | ttgcctgcct | gtcccacact | ggctcctcct | 1620 |
| ccaaggctcc | ttgactgttg | gtggcagcac | catctgacct | agagctggag | tctttttcct | 1680 |
| tggggagggg | gcgtcccttg | cccttagtga | tgttgatttc | tgccagtggg | ctgctgccgt | 1740 |
| cattcctgtc | accacaggtt | ctgcatgggc | tttggtgac | atcctcccct | ccagcctggc | 1800 |
| caatttcacc | agggccctcc | atgcttcttg | gaaattctcc | tttgctgctt | gttttagctt | 1860 |
| taaggaaagc | cccgatgtct | caacctgacc | atcagggttc | ctggtgactg | tggctctctc | 1920 |
| ttgtccacc | acttccaatc | ataaaaactgg | cttccccagc | tctgggtgcag | gcccttcaaa | 1980 |
| ttcatgggca | gaggttgtag | gcagacatgc | attgcctttc | cctgcagtaa | gattttgaac | 2040 |
| cccattctgt | ttgaggcttt | gggggttactg | ggcaaatata | cccatccctg | cctgtcagac | 2100 |
| tgtacctagg | aattttggag | agcaaagaaa | atccttggtt | ctttatggaa | aaaggaattg | 2160 |
| atgtgagctg | tgcttgggtt | gaagctgctt | ttatgtggag | aatgcaggct | tccgcaacac | 2220 |
| ccaacatagc | ccaccctgca | tcctgtttcc | cctcagcagc | cctcccttca | gctccaggct | 2280 |
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| tgattttcttc | tccttggaga | cccacactgc | cctcagcccc | ctgcagttta | gaggtcggag | 2700 |
| ggcctggggt | gggcaggtgt | tcacacttgg | tgggacgggc | aggggcccgtc | tacccattgc | 2760 |
| tttctcagag | attcttcact | tggccttttg | tcctcagggg | ccccagggcg | gggcagttcc | 2820 |
| cctgcctctc | cagtgtacag | cagcagcgac | acagtggcct | gtcacctgac | ccacacagtg | 2880 |
| ccctgtgcac | acaaaaaacc | catcacagcc | ctgaaagccg | ctgctgggcg | cttggtgact | 2940 |
| gggagccaag | accacacact | gagagtgagt | attgtcttgt | ctcttgggtg | ctggagtggc | 3000 |
| ccggcacggg | gtgggagcct | gatgcattcg | tcaggagagag | gctggaagag | tcctgatgaa | 3060 |
| gaacagaggg | catttcccag | ccaaagtata | acttggaaaa | tcccagagac | cagaacctga | 3120 |
| ggcccatccc | tgtcccaggt | gttccgtctg | gaggactcgt | gctgcctctt | cacccttcag | 3180 |
| ggccactcag | gggccatcac | gaccgtgtac | attgaccagg | taagcggcct | gcaggtgggg | 3240 |
| taggggggtac | agagtctgtg | gcccattgtt | gctgactcct | gggagctggg | ccccaggggc | 3300 |
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<210> 11809

<211> 7016

<212> DNA

<213> Homo sapiens

<400> 11809

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| aaaggagcag | aacctgaccc | agagcctgca | gtacatttcc | acccacaggg | ggtgcaggct | 120 |
| gggccaggca | gggccaaagg | cagcagaaat | gggagtaaga | gactgtgccc | actgagaagc | 180 |
| tctgctgggt | gtgggcagggt | gggcatgaga | tgatgatgat | gtagtgtaa | gaccaggtag | 240 |
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| tcagagggcc | gggtggccccg | cagcccttgc | ccgttatggg | cctgcagaaa | gttatgcttg | 360 |
| ctcatccgct | gtttgccccg | cagggagctg | tccaggggaga | aggcctctgg | ggtcaaggag | 420 |
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| ggcaagctgg | caaccgggga | ctccaacccc | ccaggaggcc | gaatgctgag | cttgccaatg | 660 |
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| tgccctgagc | cagcaccaca | cggttactgt | cataggccat | gacatcctgg | tgccggttct | 1980 |
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| gtactgttat | ttttatggct | ctataacatg | tcatattgta | cgtgttgga | tggtcatttt | 120 |
| aaccattttt | ctagtgatgg | ctttgaggtt | atgtgcagtt | tcctagccat | ctcaaagtgt | 180 |
| gctgcgggga | tctcttttgc | atccctctgg | gtgcagagct | gaggcaccca | gaggcagttg | 240 |
| ccagaggagg | cagcatctgt | aggtgtcttc | acctgctctg | gctcttggca | catctggttg | 300 |
| gtgacactgt | tttgtgagat | gggttgaaag | cacgtgctgc | caaaatagaa | taatgttggg | 360 |
| cctctcctca | tgtgccgtgg | aactggggta | aaactgcgta | gtggctgcag | ctgcctgtcc | 420 |
| ataccggaat | cgagtataac | acggtgcctg | gcttagcaca | aaacagtagt | gggtcctgca | 480 |
| ggccccagag | tctaattcct | ggtattcttt | cccctacaca | gattaaataa | accaaaaaca | 540 |
| aactattcta | ggaaagcgtc | tgtgacattt | gtaaaaagtg | gtatttaaatg | atcttttatt | 600 |
| cacttgtctg | tttagtttgt | tgaatatctta | agtggcatcc | tggtctggga | aggagtgtctg | 660 |
| tctgcgcctg | ccctccgctg | ggcacagcgt | ggctgcttca | ggggctaagc | acacactttc | 720 |
| tgtcttctaa | agggccgcca | catgccagga | gctcaggtgt | gagcccggct | ctggctctta | 780 |
| cctcataggg | tactcatag | gggcacaggg | agcagaacat | tgtacacagc | gaggcaccac | 840 |
| ccggcttggc | atctgcctcg | gtggacttac | tacctctaga | aggaaatacc | tgagttcctc | 900 |
| tggcctcagc | tcctagagtg | actgggtgtg | tgtccctgtt | actcttctgt | caagggtgaca | 960 |
| actgtgtgac | ccatcatctg | tgtgtcaaag | caaggccctg | cctgggcctc | tgctcctgtg | 1020 |
| ctgaccccaa | aggcaaattg | tttgctagtt | tccttccagt | taatttcacc | tatgaataga | 1080 |
| tgtgtgaaaa | ctgttcaaag | ccataacctg | acatgtttga | acttcaaacc | ctgtgggtgga | 1140 |
| ttcagtgcca | tctttctcta | acccccagcc | tccttcccca | cagaggccac | cgatcatggcc | 1200 |
| agttgtctga | gtttctttcc | agagaacctg | tgtatgtgta | aagctgtaca | ggcgtgggta | 1260 |
| caccacacag | cctgtcttgc | actgtggact | gttgagttac | tagtacatct | aggtaagcac | 1320 |
| cgcataatctg | tattcatgtc | tgccttgggc | ttttcaacat | ctgtgtggta | gccgtgtttg | 1380 |
| aattacccat | tccttttttg | gggaaccatt | aagttgtttc | agcaattttt | actgtagata | 1440 |
| aggctatacc | gcataatctg | gtacatgggt | ttttatgtac | atgggcaagt | atatctgtga | 1500 |
| gagaaaagtt | tcctcaggag | gaattctggg | cacagcatgt | gtaaatttct | aaatatgatg | 1560 |
| gacaccccca | gcttcacact | caaggagggt | gggtccattg | acattttcc | | 1608 |

<210> 11820
 <211> 2223
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|------------|-------------|------------|-------------|-------------|-----|
| <400> 11820 | | | | | | |
| ccgggaggtg | gaggttacag | tgagccaaga | tcgcgccact | acactccagc | ctgggtgaca | 60 |
| gagtgagact | ccgtctcaaa | aaaacccaaa | gactttatct | tatttccctat | atgtttgtgg | 120 |
| tttcagtcct | gatgtataat | ttgaccctag | ttagaattgt | tatctgagga | agtggcctgt | 180 |
| acgattttctg | cttttttaaa | tgtgtggctc | cctttcttca | ttgattaacg | tatgattatt | 240 |
| tttataaatg | ttccatggca | gtgggaaggg | attctctgtc | acattccaca | tctggatcag | 300 |
| ttcctcccca | ttttgttggg | caaattccgat | ctgccatata | ctgtgtaatg | acaagtgagt | 360 |
| tgcattctca | ccgtcactcc | tggggctctc | ccgcttcccc | tgagctggct | cagcagtcctg | 420 |

| | | | | | | |
|-------------|-------------|------------|-------------|-------------|-------------|------|
| ctccatgtgt | tttgatgcag | ggtgacccat | tggatttccc | gacactaacg | ccccgtctg | 480 |
| tggactgctt | gctgcttggg | cttactgtg | tctggtgttg | acagtgcaga | cctaaagggtg | 540 |
| tgcacacatg | tgcacacaca | ctccgctgtc | ttcttgtttg | cactggactt | aaatatctat | 600 |
| gagggttatt | ttcaactgct | gaatttggaa | tgatttttat | atcttttctg | ctttctgccc | 660 |
| atgtacatgt | gtttatttta | cactgttgtg | attggtagtt | actatgtggg | gacacaatta | 720 |
| cttgggctga | aataatccac | ctgttgttgt | tggggctctc | tggggcattc | cagggtgaga | 780 |
| ggttgtcact | gccacctggg | ccatgtgggc | cggcaccagc | attttgttgt | tacgaattct | 840 |
| acagtcacaa | atatcttttg | gcaaattccc | ttctatacct | caaggcagct | tttggtttgc | 900 |
| aacccccactg | gccagaggga | agggccagtc | acttggctct | ctcactgccc | tgcgccccag | 960 |
| atgggttctag | ggctgctgtt | ttcccttggc | cctgccaaaca | ccactgtttt | tacttctgct | 1020 |
| cattggctga | gtgcagtggt | tcctggaagc | cagtggcacg | tttccccgcg | tagctcgctt | 1080 |
| atcccacagc | acacacccaa | gggttctgtt | gctaacacgc | tgaattaatt | ctttgtctcat | 1140 |
| cttacagagt | gtgttttgac | tgccccatt | tctgaggcct | tgtaaggcca | gagcttttgt | 1200 |
| gcttcacg | caggttggga | cttagatggc | cgtgaatgtt | tcctctctgc | tgctgcagta | 1260 |
| agtaagtgcc | cgcaccatag | tgtgtttgga | ggctgaagt | gaagcgaggc | tgtgagggga | 1320 |
| gatggacgtg | tgaggaggga | tgatggggct | tgagcaaagt | gggggagggg | gcaaaggcag | 1380 |
| ttggcccaac | acattcccca | cccctttgag | aggctctagg | cctgcagacc | tggtctggag | 1440 |
| cccacctggt | agtcctcaga | ctgtgtgtgt | gtgtgtgtgt | gtgtgtgtgt | gtgtgtgtgt | 1500 |
| gtgtgtaaaa | gagagaagtt | gtggagaaat | gggggggctg | attctgctca | gattcatcag | 1560 |
| tatgagtaga | aggcaccacg | ctctcaccct | ggcctgacat | gtgtgtccct | gagcaggtta | 1620 |
| cagtccctctc | tgagcctctg | cttcccatct | ggaacctgct | ggggcagggc | ttctgagctc | 1680 |
| cttagcacta | gcaggagggg | ctccaggggc | cctccctcca | tggcagccag | gacaggactc | 1740 |
| tcaaatagagg | acagcagagc | tcgtgggggg | atcccacgga | cccgcctggg | gcccagggga | 1800 |
| ggcagagcct | gagccaacag | cagtgggtgt | gtggaccgtg | gacccctagg | gtggcctggg | 1860 |
| gcaagtaccg | gctgaggggtc | caggtgggct | ttgtgtacct | ttgggtcctg | gggcccctggt | 1920 |
| gacttggact | ccagggttaga | gtcaagtgtg | aggagaaagg | ctgggtggggc | cctgtgcttc | 1980 |
| cgacttcatt | tcgagtgtat | gcagttccca | ggaaggaatc | cacagctgac | ggtggctgac | 2040 |
| agatcagaga | atggaaggcg | aggcaggcgg | gcgtctgctg | gacctcaggt | gcttggggcc | 2100 |
| cagcagaccc | agagaacccat | ttccactagg | ccagggtgcc | ggaagtgtcc | acagggtctta | 2160 |
| gattcctgtt | cagatgaaaa | gatttgtgcc | tttaatgata | aaagtgtatc | gcatagagtc | 2220 |
| aaa | | | | | | 2223 |

<210> 11821
 <211> 1608
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|------------|------------|-------------|-------------|-------------|------|
| <400> 11821 | | | | | | |
| ctgtggatgt | actaaaatgt | atcctattat | tctctgccct | aaaatggaat | catacaaggt | 60 |
| gtactgttat | ttttatggct | ctataacatg | tcataattgta | cgtgttggtg | tggtcatttt | 120 |
| aaccattttt | ctagtgtatg | ctttgagggt | atttgcagtt | tcctagccat | ctcaaagtgt | 180 |
| gctgcgggga | tctcttttgc | atccctctgg | gtgcagagct | gaggcaccca | gaggcagttg | 240 |
| ccagaggagg | cagcatctgt | agggtgtctc | acctgtctctg | gctcttggca | catctgggtg | 300 |
| gtgacactgt | tttgtgagat | gggttgaaag | cacgtgctgc | caaaatagaa | taatgttggt | 360 |
| cctctcctca | tgtgccgtgg | aactggggta | aaactgcgta | gtggctgcag | ctgcctgtcc | 420 |
| ataccggaat | cgagtataac | acggtgcctg | gcttagcaca | aaacagtagt | gggtcctgca | 480 |
| ggccccagag | tctaattcct | ggtattcttt | cccctacaca | gattaaataa | acaaaaaaca | 540 |
| aactattcta | ggaaagcgtc | tgtgacattt | gtaaaaagtg | gtatttaattg | atcttttatt | 600 |
| cacttgtctg | tttagtttgt | tgaaatctta | agtggcatcc | tggctctggga | aggagtgtgtg | 660 |
| tctgcgcctg | ccctccgctg | ggcacagcgt | ggctgcttca | ggggctaagc | acacactttc | 720 |
| tgtcttctaa | agggctgcca | catgccagga | gctcaggtgt | gagcccggct | ctggctctta | 780 |
| cctcataggg | tactcatag | gggcacaggg | agcagaacat | tgtacacagc | gaggcaccac | 840 |
| ccggcttggc | atctgcctcg | gtggacttac | tacctctaga | aggaaatacc | tgagttcctc | 900 |
| tggcctcagc | tcctagagtg | actggtgtgc | tgtccctgtt | actcttctgt | caagggtgaca | 960 |
| actgtgtgac | ccatcaatcg | tgtgtcaaag | caaggccctg | cctgggcctc | tgctcctgtg | 1020 |
| ctgaccccaa | aggcaaatgc | tttgctagtt | tccttcagat | taatttcacc | tatgaataga | 1080 |
| tgtgtgaaaa | ctgttcaaag | ccatacctgc | acatgtttga | acttcaaacc | ctgtgggtga | 1140 |
| ttcagtgcca | tctttctcta | acccccagcc | tccttccca | cagaggccac | cgctcatggc | 1200 |
| agttgtctga | gtttctttcc | agagaacctg | tgtatgtgta | aagctgtaca | ggcgtgggta | 1260 |
| caccacacag | cctgtcttgc | actgtggact | gttgagttac | tagtacatct | aggtaagcac | 1320 |

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|------------|------------|------------|------------|------------|------------|------|
| cgcatatctg | tattcatgtc | tgccttggtc | ttttcaacat | ctgtgtggta | gccgtgtttg | 1380 |
| aattacccat | tccctttttg | gggaaccatt | aagttgtttc | agcaattttt | actgtagata | 1440 |
| aggctatacc | gcatactctg | gtacatgggt | tttgatgtac | atgggcaagt | atatctgtga | 1500 |
| gagaaaagtt | tcctcaggag | gaattctggg | cacagcatgt | gtaaatttct | aaatatgatg | 1560 |
| gacaccccca | gcttcacact | caaggagggt | ggtcccatgt | acatttcc | | 1608 |

<210> 11822
 <211> 1522
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|-------------|------------|------------|------------|-------------|------|
| <400> 11822 | | | | | | |
| agcaagcctt | caactttcgc | agagaaaatg | ctcaaaaact | tcagtttcag | cagtgccag | 60 |
| caaagggcaa | gtgcggtcct | caaggaggag | ctgggagatg | atgaacgatg | ggaggcaagc | 120 |
| gtggggactg | gcgggaaggc | gggagcagct | gaggggatcc | cagtggaccc | aaactacaag | 180 |
| ttggggcctg | cagggagcct | ctgctgaagg | tagtaggaaa | tgtgcttctt | actgctccct | 240 |
| tgtcttctct | aatactcctc | ttagttcttt | tcctcttgca | taccttttat | ttctggctaa | 300 |
| gtgttgggca | ttgtttgtaca | ttttctagct | tgactccctt | gggcaagtta | ctttctgtct | 360 |
| ctgtgccttt | gtgtcttcat | gtttaagatg | gaaagaactg | cagtgttgac | ctcctagggc | 420 |
| tgttgtaga | agccattgaa | gacacagaga | atacttagaa | taatagttgg | aacttggcag | 480 |
| gccctgagtt | aattcactgc | catcattgtc | ctcgtgcttc | atagcagtag | ccgtgttgct | 540 |
| gctcttagcc | tcagttcttt | catgggcttc | tttcggttcc | ttggaggctc | ccaagcaaag | 600 |
| gtttttcagc | acctctgttc | tgtgaaaaag | agattaagca | ttttcagtat | atttaaagtt | 660 |
| atctccagcc | tattgtgatg | atgccttttc | tccaaaaccc | ttttttattt | tcgttttatt | 720 |
| gtaggcacaa | atctttctaa | tgcagatgct | taatttttcc | caaaaagcaa | cttactcctt | 780 |
| tcaacaaggt | tttctatttg | gtcatcacat | ctgcattctt | ccaagaagcc | cactggtaaa | 840 |
| taatggaaca | atgaagcagt | gtcgccacta | aagagtaatc | tgcaaccaca | cagaagctgg | 900 |
| aatcccaagt | acctgtcatt | atattctcct | acacatgtgc | agagtttgat | aaaaagagag | 960 |
| agccagtttt | attattcctt | taagaggaaa | aaactgccaa | gaactcctaa | gctttaatta | 1020 |
| ccaaaataag | cttgcccttaa | acaaattcaa | acacatgaac | acaaagtaga | agatcaaagt | 1080 |
| cattttgtg | ccccatgcac | atatacttcc | catgagcttg | tatcttcaag | gtaacagtcg | 1140 |
| tgcgtcttta | atacccat | gcgctgcact | gtctaaatgg | tgcacgccag | aaaagagccg | 1200 |
| tctctaggtg | tctcaatgaa | ccatgaaaaa | tctcagggaa | aatgtattaa | tatatattttc | 1260 |
| agcaaattcct | ttgagatgag | gattctcagg | aaggatttta | gtgcattatg | caatgtagtt | 1320 |
| gaattccctc | ttcagtattg | aatatgcttt | gctttattcc | aaagagctca | acctcttctt | 1380 |
| atagacattg | aaattcatct | gtttcattca | tagcaccacg | taaacttttt | atttttgtct | 1440 |
| caaacttctc | tgataagctt | gcctctgcat | acaaaaacat | caaagcctgt | ggtgaaaaat | 1500 |
| tattagaaaa | gaaaagagaa | aa | | | | 1522 |

<210> 11823
 <211> 5137
 <212> DNA
 <213> Homo sapiens

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| <400> 11823 | | | | | | |
| ctaatttcat | agagaacagg | tattacaaga | tctatagctt | taaaaaaaga | aacctaatc | 60 |
| taaaaattag | aggaaatgac | tcaactctca | tgaaaaaatc | tttgcaattc | tgattttctca | 120 |
| gttattagat | gaattttcat | atcttacata | cttctttatt | agtctcaaac | atgtgtattt | 180 |
| ttctattcct | cacttctttc | ctaagagatg | tagatacaat | caagagaagt | tccaaatgca | 240 |
| tgagcttgaa | ccagtggctt | acaatgcagc | taaagctctt | gtcaatgaag | gccaggggtc | 300 |
| ttgtcagttt | atctcaaatt | tctacaaggc | tactaaaatt | aaccaggag | ctgtgtctcc | 360 |
| atttttatat | tcttattgcc | ccagccaaat | tctgatatag | ctaattgctt | gtccccacc | 420 |
| caaaattctc | ttctattttg | gttaactcat | atctctctgc | atgatctaag | cttcataggt | 480 |
| accatacccc | actagagctc | tggccattgg | gcaaatgtac | tgcatcctag | agatggcagt | 540 |
| atatgttaat | aaagagcctt | tttgagacct | ttgagaagga | aattcactag | caatttacta | 600 |
| agaatgaatg | cgcttttggt | ctggtagggc | aggctttgtg | gaaataaaca | accaaaggag | 660 |
| aaaagcaaag | gctgtctatt | ctgagcttcc | tatagcaagg | gggctggcca | ttatcacttg | 720 |
| tgttttggca | gagacttaaa | ggcagaagag | tggtaaaatat | tatagtggag | aaaaggggaag | 780 |
| cttcagttgt | gccctaattg | gaagctgata | gcacggagat | gttatgagcc | aaccagaagt | 840 |

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|-------------|-------------|------------|------------|-------------|-------------|------|
| ggagcacc | tggtgatt | ttgggggt | tgccctgg | tctctggt | gtcctcag | 900 |
| ggaagcag | acaaaaac | gggaagct | catttatg | tcacgtcc | gccatctg | 960 |
| gccaaatg | gcacaagt | tgaataga | tggaactc | tctttctg | aaactaat | 1020 |
| caggcttg | tcctgagt | cttattac | gtaaggag | ggtttcct | gcaggatg | 1080 |
| caggttgg | gtcaaagt | tgttttat | cattgtct | ccattgtc | tttgcatat | 1140 |
| cagtcttc | atggggac | atgtgag | tataacgt | tagagctc | gttccaaat | 1200 |
| atactttat | ttaaattag | ttttagtta | ttgtcatg | actaaatata | gccaggta | 1260 |
| tttgagaaa | ttatctatta | ttagttttc | tccttctg | actacatcta | taagccatt | 1320 |
| gtagcagtag | atacaaat | taaaggaa | cattgtgg | atgtaaga | caggcagtt | 1380 |
| accaaagg | aacattga | gtagcttag | atctcctg | acctctttc | actgggac | 1440 |
| gaggtggt | acacttct | gtgtgttt | tgtaggga | gtgttatt | ctctgggt | 1500 |
| caaggcct | ggaccaat | acctgggt | aaaaaga | tggcttgaa | gtagaaaga | 1560 |
| atctaccaga | aattggtag | aagggaaga | gaaagagc | ccagttaaa | ttccatagg | 1620 |
| taaaatata | atgcaca | gtatcctc | aaccacatta | aaaacaagt | ttcaggaata | 1680 |
| gattattgaa | gtagcact | gttcaact | ctagactc | tcactgaa | tggttggg | 1740 |
| ctactatgag | cctggcact | gaaatatc | cattcttatt | tgtaaacag | agtctgtat | 1800 |
| tagcaacat | gacagaag | tatttccct | cactaagaca | gcgaattg | tgtggcttac | 1860 |
| aaagttagta | tttaaata | actactaa | cccaggagt | ataaatgg | agatatttc | 1920 |
| ccttaaggaa | aaagcact | ttatgttg | tttgacaa | tggtagaaa | cccagttat | 1980 |
| tattggacac | attccatg | caaagggg | ggtttggt | cctggata | ggatagcatt | 2040 |
| tccagaaaga | aagttcaga | ggaatttca | gaagcctg | aatgaggga | agatacact | 2100 |
| acctacatg | cagggggag | ggttggtag | cctgtgact | ggggtaaa | cgcaggctt | 2160 |
| ccagggatat | cgtggggag | gtgatatt | cttggcact | gagagttat | ataacacatt | 2220 |
| tggcaagcct | tacattttc | ttcattag | ttctttcatt | aggttgaa | ttagtgtact | 2280 |
| gtctgtgcca | atgcatgtt | agacatttt | ttttctctg | gcaaagtgc | ctactattgc | 2340 |
| actccacaga | caagtga | gaaatttg | aagcaattg | tattatgtc | gttttacc | 2400 |
| atcacaccct | tgtcctccc | tctaatac | caaaagcct | caaaagccc | tgaggcatg | 2460 |
| cgttccagga | gcttaggag | ttattgagg | aggtgaga | tatggaat | atatcagg | 2520 |
| gctttagcaa | aaaggatcc | ccctttag | ccttgaaat | cccatccct | gactttcag | 2580 |
| agggtgactta | ccttcccc | tttccagc | tgacctcgt | ttacctcga | atctctag | 2640 |
| caatagcttt | caacatggg | caattttgt | ccccaggag | tatttagca | tatcagaaa | 2700 |
| cattttttgt | tgtcaca | ggtgtggat | ggagggtg | actggcac | agtggggtg | 2760 |
| ggccagagct | gctgtgtct | gtcctgcag | ctatgggac | gcctcaca | acagcatgg | 2820 |
| ccagcccaaa | atatcaac | tgccaagct | gaggaaccc | gctccagat | ttgtacag | 2880 |
| gtctctcaag | gagacctg | aacctggca | attctgtct | tctccaaa | aactattcc | 2940 |
| tccaatcttt | ttcagtag | atagattat | tctacacata | tgtgaaaat | acaagtctag | 3000 |
| tatgcaatcc | agccaaat | cactagctg | atatagcact | gctgtgacc | tctacaaat | 3060 |
| tgtgcttgag | ttgccatag | tgactctacc | tgtcagctc | acacagggg | agtgtgggg | 3120 |
| agggatgtta | catggctca | ctgtttaag | tatgcattc | tgggggtgg | ggttgcacca | 3180 |
| ttagagaata | ttccagaac | tcttctgtg | ctaacgctc | ctgaaacatt | tccttctct | 3240 |
| tgcacagacc | ctcgtgttc | ccaggcaact | aaatgcagta | cctaaaaata | tatgcatgca | 3300 |
| agattttttat | ggggaaata | aacaatatc | cattaaatt | aggactaata | tttgagatca | 3360 |
| tgtaaatctc | tgaaggcag | taccctcact | caggggaat | cttatgcttc | agtcttagaa | 3420 |
| actaccttgg | gatacctg | tgtttgccat | gggttgggt | gggtggggg | ctgttttatt | 3480 |
| tgttcatggc | taagtagat | cagagattg | atgacacttc | attcagggg | gtgtttgtag | 3540 |
| aacatggacc | ttgatccagg | ccagttccag | gttctgggg | ctcaggtgat | aaagagcctg | 3600 |
| tatttccttg | cctcaaggag | ggtactgaag | tgaatggacc | cttgtgctgt | gctagaggaa | 3660 |
| tgccaggatt | tggggatggt | gaagcgcca | gcagaagcag | ctttgggagg | agcgatttag | 3720 |
| gaaagcctcc | ctaaatggtg | gaaccctga | attgagcccg | gagaagttga | agttaaccag | 3780 |
| acaaaggagc | aaacaatgca | ggaagcgaaa | acaacaggac | ttaaacctga | gagtcccatc | 3840 |
| tcctggagca | tattttacaaa | attacaagca | gggtcacctg | ctaggaacac | agcagctccc | 3900 |
| cagccctgca | ggggctcctg | tggccagtc | caagagctgg | tattttacct | ggtaagcaag | 3960 |
| agggagctag | cgacatgaca | tggatcaac | aaaaaatggc | actcacagtc | ttgtgcccc | 4020 |
| agcctacttc | tgttaggatt | gaagtatgtg | atttgtattt | attaggggtga | cgctggacct | 4080 |
| ataccagagc | agcaagcaat | ggaatacact | gatctttcta | tgtttttatt | gacctgctga | 4140 |
| taaacgaaag | tcacggcaca | tatgtatgca | tgtatctgtg | catctgtgtg | tatgtagaca | 4200 |
| tggagccata | ctctttat | ccctaaat | acacataatc | tgtccctctc | tcctgcccct | 4260 |
| ccctagccag | cacacccctt | ggtggataat | tgtgtctctt | tggttttaa | tcagacccca | 4320 |
| aaacaatgcc | ttttacgtg | gaaaacaata | caaaaggcat | ttttgccatc | gctgttgggtg | 4380 |
| gggaactgta | tgtgatgtga | ttgggtccct | gcgttccctg | agaaccagtt | gcccagtc | 4440 |
| gcttctctg | acatcatcct | cctggacagg | cagaggtgtg | tactggcagc | tttccctgct | 4500 |

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|------|
| ttctgaagca | gccggagtg | catgtgcaag | taatctttca | tttccaagat | gaagagcctg | 4560 |
| tgtgcacact | catctctctg | agagaagcat | ggctttcaca | gaggcactca | cggtcacatg | 4620 |
| actcagctca | ttaaccctcc | ggaaattcat | gaggaggctc | tgctgagaag | agtcactgat | 4680 |
| gacagaat | taaactttat | tttctgtccc | caataatgtt | ggtgattatg | cccatgaaaa | 4740 |
| cgcattgggt | ttctgtgggt | gtcaaggact | ttctagagaa | attgggtctg | agcttgccat | 4800 |
| ttcgtcagtg | ctggctctgt | gctttgttaa | ctccaggagg | cttgaagcct | gtttttttgt | 4860 |
| tgttgtttgt | tttgttttgt | tttgttttgt | tttaacagat | ttggacaaaa | cagaatccag | 4920 |
| tggtagtgc | agtgatgatg | gcagccaatg | tgattaactg | aagcatcatt | tttattttatt | 4980 |
| ttattttatt | gcttttgctt | atttgggtct | aaataccaag | ttgagatata | attcaatgag | 5040 |
| atttcagaca | gcgttaaaa | tgaaatggca | aattccgtgg | gattccatat | gactgatgag | 5100 |
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<210> 11824

<211> 4838

<212> DNA

<213> Homo sapiens

<400> 11824

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| tgtctattca | tatctttctc | ccactttttg | atgggggtgt | ttgttttttt | cttgtaaatt | 120 |
| tggtgaagtt | ccttgtagat | tctggatatt | agccctttgt | cagatggata | gattgcaaaa | 180 |
| attttctccc | attctgtagg | ttgcctgttc | actctgatga | tagtttcttt | tgctgtacag | 240 |
| aagctcttta | gtttaattag | atcccgtttg | tcaatttttg | cttttggtgc | cgttgctttt | 300 |
| ggtgttttag | tcataaagtc | tttgcccatg | tctatgtcct | gaacgggtatt | gcctaggtat | 360 |
| tgttctagag | tttttatggt | tttaggtctt | acgttaagtc | tttaatccat | cttgagttaa | 420 |
| tatttgtata | aggtgtaagg | aaggggtcca | gttgtagttt | tctgcatatg | gctagccagt | 480 |
| tttcccaaca | ccattttatta | aataggggaat | cctttcccca | ttgtatgttt | ttgtcagggt | 540 |
| tgtcaaagat | cagatgggtg | tagatgtttg | gcattatctc | tgaggcctct | gttctgttcc | 600 |
| attggtctat | atatctgttt | tggtacgagt | accatgctgt | tttggttact | gtagccttgt | 660 |
| agtatagttt | gaagtcagg | agtgtgatgc | ctctagcttt | gttctttttg | cttaggattg | 720 |
| tcttggctat | atgggtctct | ttttgggtcc | atatgaaatt | taatgtagtt | tttttctaatt | 780 |
| tctgtgaaga | aactcattgg | tagcttgatg | gggtagcatt | gaatctataa | attactttgg | 840 |
| gcagtatggc | catttttcaca | atattgattc | ttctatccat | gagcgtggaa | tgtttttcca | 900 |
| tttgtttgtg | ccctctctta | tttctgttag | cagtgggttg | tagttctcct | tgaagagggtc | 960 |
| cttcacatcc | cttttaagtt | gtatacctag | atgtcctatt | ctcttcgtag | caattgtaaa | 1020 |
| atagattatt | tttcaactgtc | acttctttta | ccttctagtt | accatgttat | ttcttttctt | 1080 |
| cccatttcaa | ctctcctcaa | aagagttatc | ttcatttccct | gtcttcattt | tccctcttcc | 1140 |
| ctttcatata | tattaatatg | ccctctctcc | ctattcttta | tctctttctg | tttctcttcc | 1200 |
| cctatctgcc | catctccctc | tctgtctccc | tcttcccact | tccttctatt | ctctcctctt | 1260 |
| tctgtccctc | ccctcatttg | ttttacacac | tactgaatct | tttccaatca | agctgtcact | 1320 |
| cccacccttc | acctcccaca | caaacacccc | atcacactac | tctgggtcaag | ttccagtgc | 1380 |
| ctgcacattg | ccaaagccaa | tggtcaattc | ctagtactca | tattactcaa | cctatgagca | 1440 |
| gtatttgtta | cagttccctc | cttctttaac | tttttccatt | ggttttccag | gactcagtac | 1500 |
| tcttaatagc | tttctctcta | aatatccagt | cgttctcagt | ctccttttct | gcttccacct | 1560 |
| cttctttaca | atttctaagc | attagaatgc | ccccagggtc | tagtcccttg | actttatcta | 1620 |
| tgcttactac | tttgctgact | tcattcattc | catttaaata | ctctgcctat | actgatgtct | 1680 |
| cctaaatagc | aatagaaata | atctcagcct | cctccctgat | tttgttggtc | cagatattac | 1740 |
| tccttggatg | ccttattagc | atctgagatt | taacagggtc | aaaattaagc | tcccgatctc | 1800 |
| tgccctaccc | tcacctcaat | ttactatttt | cacagtcttt | ctcatgtcag | taaattggtaa | 1860 |
| cttcatcttt | tagttaactg | gacaaaaact | ggcagagtta | tcctcagccc | ttctctttcc | 1920 |
| ctcctgtgct | ttatccaaac | tcttaggaat | ccagtcagct | ctatcttcaa | aatatagctg | 1980 |
| ctaccccata | gtacttaatc | atcattggat | ataaattcca | tgtaatcatc | ttgtttacta | 2040 |
| cctgtgcacc | accacacctc | cctatccacc | ctccaggccc | cagcaacata | agctctatga | 2100 |
| caatatggag | ttccatcagt | ctcagccaat | gtgtagggaag | aggcagatga | ataatattga | 2160 |
| accaccatta | gcattggcact | tctttacttc | acttctttac | tcctaatacc | tagaacaatg | 2220 |
| tctagcacat | tgtatgttct | caataaaatg | ttggtgggtg | gttagaggga | tgaatgcatt | 2280 |
| aaaggatgaa | aggaacacat | gaaagggaag | aacatcaaag | gagctgagct | tgagtcttcc | 2340 |
| ctttgccctt | tattacctga | gtgacttttag | gcaagtcagt | tgatcttcac | tgaaccttcc | 2400 |
| gtcttattta | gaaagttagg | ggataaaata | ggctcctatt | tgataaaata | ggtttgttct | 2460 |
| gagaatcaga | tgagagaata | aacatatatt | ttcttgataa | ctagaaagtc | gtatacaaat | 2520 |

| | | | | | | |
|------------|-------------|-------------|------------|------------|-------------|------|
| gtagtcatg | ataaggaggg | agaaaaggaa | gggaaagact | cgagggggct | aatgggtgcc | 2580 |
| aatgagaga | tcagggacac | agaaaacagt | tttcttcaca | gttttgagta | tttctagacc | 2640 |
| tgggtataca | gggttttttt | tttaatttta | ttattattgt | actttaagtt | ttagggtaca | 2700 |
| tgtgcacaac | gtgcagggtt | gttacatatg | tatacatgtg | ccatggttgg | gtgctgcacc | 2760 |
| cattaactcg | tcatttagca | ttaggtatat | ctcctaattg | tatccctccc | ccctccccc | 2820 |
| accccaaca | agttcccggg | gtgtgatgtt | ccccttctct | tgcccatgtg | ttctcattgt | 2880 |
| tcaattccca | cctatgagtg | agaacatgca | gtctttgggt | ttttgtactt | gcatagattt | 2940 |
| ggtgagaatg | atgggtttcca | gcttcatcca | tgcccttgca | aaggacatga | actcatcatt | 3000 |
| ttttatggct | gcatagtgtt | ccatggtgta | tatgtgccac | attttcttaa | tccagtctat | 3060 |
| cattgttggg | catctgggtt | ggttcccaagt | ctttgctatt | gtgaatagtg | ccgcaataaa | 3120 |
| catacatgtg | catgtgtctt | tatagcagca | tgattttata | tcctttgggt | atataccctg | 3180 |
| taatgggatg | gctgggtcaa | atgggtattt | tagttctaga | tccttgagga | atcaccagac | 3240 |
| tgtcttccac | aatgggttgaa | ctagttttaca | gtcccaccaa | cagtgtaaag | tggttcttatt | 3300 |
| tctccacatc | ctctccagca | cctgttggtt | cctgactttt | taatgatcgc | cattcttaact | 3360 |
| ggtgtgagat | ggtatctcat | tgtgggtttt | atttgcatct | ctctgatggc | cagtgatgat | 3420 |
| gagcattttt | tcatgtgttt | tttggctgca | taaatgtctt | cttttgagaa | gtgtctgttc | 3480 |
| atataccttt | cccacttttt | gatgggggtt | tttgtttttt | tcttgtaaat | ttgtttgggt | 3540 |
| tcattgtaga | ttctggatat | tagccctttg | tcagatgagt | aggttgcgaa | aattttctcc | 3600 |
| cattctgtag | gttgccctgt | cactctgatg | gtagtttctt | ttgctgtgca | gaagtctctt | 3660 |
| agtttaatta | gatcccatct | gtcaattttt | gcttttggtg | ccattgcttt | tggtgtttta | 3720 |
| gacatgaagt | ccttgcccat | gcctatgtcc | tgaatgggat | tgccataggt | ttcttctagg | 3780 |
| gtttttatgg | tttttaggtct | aacattttaag | tctttaatcc | atcttgaatt | aatttttgta | 3840 |
| taaggtgtaa | ggaagggatc | cagtttcagc | tttctacata | tggctaacca | gttttcccag | 3900 |
| caccatttat | taaatagggg | atcctttccc | cattgcttgt | ttttctcagg | tttgtcaaag | 3960 |
| atcagatagt | tgtagatatg | cggcattatt | tctgagagct | ctgttctgtt | ccattgggtct | 4020 |
| atatactctg | tttggtacca | gtaccatgct | gttttcgtta | ctgtagcctt | gtagtatagt | 4080 |
| ttgaagtcag | gtagcatgat | gcctccagcg | ttgttctttt | ggcttaggat | tgacttggca | 4140 |
| atgccccgtc | ttttttggct | ccatatgaac | tttaaagtag | ttttttccaa | ttctgtgaag | 4200 |
| aaagtcattg | gtagcttgat | ggcgatggca | ttgaatctat | aaattacctt | gggcagtatg | 4260 |
| gccattttca | caatatattt | tcttcttacc | catgagcatg | gaatgttctt | ccatttggtt | 4320 |
| gtatctctct | ttatttcact | gagcagtggt | ttgtagtctt | ccttgaagag | gtccttcaca | 4380 |
| tcccttgtaa | attgcattcc | taggtatttt | attctctttg | aagcaattgt | gaatgggagt | 4440 |
| tcactcatga | tttggctctc | tgtctgttat | tggtgtataa | gaatgcttgt | gatttttgca | 4500 |
| cattgatttt | gtatcctgag | actttgctga | agttgcttat | cagcttaagg | agattttggg | 4560 |
| ctgagacaat | ggggttttct | agatatacaa | tcatgtcatc | tgcaaacagg | gacaatttga | 4620 |
| cttctctctt | tcctaattga | atgcccttta | tttcttcttc | ctgcctgatt | gccctggcca | 4680 |
| gaacttccaa | cactacattg | aattggagtg | gtaagagagg | gcatccctgt | cttgtgccag | 4740 |
| ttttcaaagg | gaatgcttcc | agtttttgtc | cattcagtat | gatattggct | gtgggtttgt | 4800 |
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<210> 11825

<211> 1308

<212> DNA

<213> Homo sapiens

<400> 11825

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| accccatcac | actactctgg | tcaagttcca | gtgacctgca | cattggccaa | gccaatgggc | 120 |
| aattcctagt | actcatatta | ctcaacctat | gagcagtatt | tgttacagtt | ccctccttct | 180 |
| ttactttttt | ccattgggtt | tccaggactc | agtactctta | atagcttttc | tcctaaatat | 240 |
| ccagtcgttc | tcagtctcct | tttctgcttc | cacctcttct | ttacaatttc | taagcattag | 300 |
| aatgccccca | gggcttagtc | cttggaactt | atctatgctt | actactttgc | tgacttcatt | 360 |
| cattccattt | aaatactctg | cctatacggg | tgtcttctaa | atagcaatag | aaataatctc | 420 |
| agcctcctcc | ctgattttgt | tggtccagat | attactcctt | ggatgcctta | ttagcatctg | 480 |
| agattttaaca | ggttcaaaa | taagctcccg | atctctgccc | taccctcacc | tcaatttact | 540 |
| aatcttcatg | tctttctcat | gtcagtaaat | ggtaacttca | tcttttagtt | aactggacca | 600 |
| aaactggcag | agcttatctc | agccttcttc | tttctctctg | tgctttatcc | aaactcttag | 660 |
| gaatccagtc | agctctatct | tcaaaaatata | gctgctaccc | catagtactt | aatcatcatt | 720 |
| ggatataaat | tccatgtaat | catcttggtt | ctacctgtgc | accacccacc | tcccctatcc | 780 |
| accctccagg | ccccagcaac | atacgtctta | tgacaataat | ggaggtccca | tcacgtctca | 840 |

| | | | | | | |
|------------|------------|------------|------------|------------|-------------|------|
| gccaatgtgt | aggaagaggc | agatgaataa | tattgaacca | ccattagcat | ggcacttctt | 900 |
| cacttcactt | ctttactcct | aatacctaaa | acaatgccta | gcacattgta | tggttctcaat | 960 |
| aaatatttgg | tgggtgggta | gagggatgaa | tgcatgaaag | gatgaaagga | acacatgaaa | 1020 |
| ggaaggaaca | tcaaaggagc | tgagcttgag | tcttcccttt | gccctttatt | acctgagtga | 1080 |
| ctttaggcaa | gtcagttgat | cttcactgaa | cctttcgtct | tatttagaaa | gttaggggat | 1140 |
| aaaataggtc | ctattctgat | aaaatagggt | tggtctgaga | atcagatgag | agaataaaca | 1200 |
| tatattttct | tgataactag | aaagtcgtat | acaaatgtta | gtcatgataa | ggagggagaa | 1260 |
| aaggaaggga | aagactcgag | ggggctaata | gttgccaaat | gagagatc | | 1308 |

<210> 11826

<211> 1308

<212> DNA

<213> Homo sapiens

<400> 11826

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| accccatcac | actactctgg | tcaagttcca | gtgacctgca | cattgccaaa | gccaatgggc | 120 |
| aattcctagt | actcatatta | ctcaacctat | gagcagtatt | tgttacagtt | ccctccttct | 180 |
| ttactttttt | ccattgggtt | tccaggactc | agtactctta | atagctttcc | tcctaaatat | 240 |
| ccagtcgttc | tcagtctcct | tttctgcttc | cacctcttct | ttacaatttc | taagcattag | 300 |
| aatgccccca | gggcttagtc | cttggacttt | atctatgctt | actactttgc | tgacttcatt | 360 |
| cattccattt | aaatactctg | cctatactga | tgtctcctaa | atagcaatag | aaataatctc | 420 |
| agcctcctcc | ctgattttgt | tggtccagat | attactcctt | ggagaattta | atagcgggtac | 480 |
| cgatttaaca | ggttcaaaaat | taagctcccg | atctctgccc | taccctcacc | tcaatttact | 540 |
| attttcacag | tctttctcat | gtcagtaaat | ggtatacttc | atcttttagt | taactggacc | 600 |
| aaaactggca | gagttatcct | cagcccttct | ctttccctcc | tgtgctttat | ccaaactctt | 660 |
| aggaatccag | tcagctctat | cttcaaaaata | tagctgctac | cccatagtag | ttaatcatca | 720 |
| ttggatataa | attccatgta | atcatcttgt | ttactacctg | tgcaccaccc | acctccccta | 780 |
| tccaccctcc | aggccccagc | aacataagct | ctatgacaat | atggagttcc | atcagttctc | 840 |
| gccaatgtgt | aggaagaggc | agatgaataa | tattgaacca | ccattagcat | ggcacttctt | 900 |
| tacttcactt | ctttactcct | aatacctaga | acaatgtcta | gcacattgta | tggttctcaat | 960 |
| aaatatttgg | tgggtgggta | gagggatgaa | tgcatgaaag | gatgaaagga | acacatgaaa | 1020 |
| ggaaggaaca | tcaaaggagc | tgagcttgag | tcttcccttt | gccctttatt | acctgagtga | 1080 |
| ctttaggcaa | gtcagttgat | cttcactgaa | cctttcgtct | tatttagata | gttaggggat | 1140 |
| ggaataggtc | cgattctgat | aaaatagggt | tggtctgaga | atcagatgag | agaataaaca | 1200 |
| tatattttct | tgataactag | aaagtcggat | gcgaatgtta | gtcatgataa | ggagggagaa | 1260 |
| aaggaaggga | aagactcgag | ggggctaata | gttgccaaat | gagagctc | | 1308 |

<210> 11827

<211> 149

<212> DNA

<213> Homo sapiens

<400> 11827

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|------------|------------|------------|-------------|------------|------------|-----|
| tttttttttt | aattttatta | ttattatact | ttaagtttta | gggtacatgt | gcacaacgtg | 60 |
| caggtttggt | acatatgtat | acatgtgcca | tggttggtgtg | ctgcacccat | taactcgtca | 120 |
| tttagcatta | ggtattctcc | taatgctat | | | | 149 |

<210> 11828

<211> 2396

<212> DNA

<213> Homo sapiens

<400> 11828

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|-----|
| gactcaagca | agacccacc | tcagcggcca | ccccctcaag | gttgttttaca | gtatattctc | 60 |
| gactgtaatg | gcattgcagt | agggccaaaa | caagtccaag | cttcttaaaa | tgattgggtg | 120 |
| ttaatttttc | aaagcagaaa | ttttaagcca | aaaacaaacg | aaaggaaagc | ggggaggggg | 180 |
| aaacagaccc | tcccactggt | gccgttgctg | cgttctttca | atgctgactg | gactgtgttt | 240 |

| | | | | | | |
|------------|-------------|-------------|------------|-------------|-------------|------|
| ttcctatgca | gtgtcagctc | ctctgtcttg | ttgtttacct | gttcctgttc | gtgcttgtaa | 300 |
| tgctcactta | tgttttctct | gtataacttg | tgattccagg | gctgtttgtc | aacagtatac | 360 |
| aaaagaattg | tgccctctcc | aagtccagtg | tgactttatc | ttctgggtgg | tttgatagtg | 420 |
| tttttaaaag | taatatataa | tgtgggggtga | aatgggagta | gggggggtgga | caggggagaa | 480 |
| acgaaaacca | caaaaagaaa | acccaactcc | tctcctcccc | ccaagctcag | ttaaactccc | 540 |
| cacctccaac | tttccctcca | ccagtgtgct | tgggatcttc | aatgaactgt | gcttttcgct | 600 |
| ttctttctgc | atgactattg | taactagata | gaacattaag | agattttcaa | gatcaaactt | 660 |
| ccatagcttc | atccactgaa | tttgaaggca | tccacctttt | tctccatttg | ctaaaatttg | 720 |
| gtgcagtttg | agtttatgtg | aataggctgg | ctgtgcctgt | agagctcttg | tgtttttagt | 780 |
| gatgacatga | aatacaaaga | acaagctatt | tccaggaatg | tgttctgtat | tttacctccc | 840 |
| agtgtaccct | ttatttttatt | attaactaat | taactatgag | attttttaaaa | aatggggccg | 900 |
| ctgatgtgca | atatcaaagt | gaacttgtga | gtattttgtg | tgtgttgatc | tcagttgttt | 960 |
| cttcattgtt | gctgtttctg | gatccagcca | tgtgtgcgct | tgtgtggacc | tgaggctgct | 1020 |
| ttctgttccc | aaagcttgac | ctgtgtacag | agataattcc | ttggcaatgt | tggacataga | 1080 |
| atgcaggag | ctactgaagg | tctgtcaggg | atttgtccat | tctgctcttg | gcctctcctg | 1140 |
| aggcctcata | atgggagacc | aaatcaaaaa | tgtcccatgt | cacttgagtg | ggtacactgc | 1200 |
| ctacagaacc | ttgaggttga | ctcctgcttc | agttctcagc | tgtttaccac | agccctccag | 1260 |
| ggtccaaaga | ttgaggagct | ttctctttcc | tgggaggaac | tgtctcagat | ttagcttggt | 1320 |
| tgtgttttgg | acagaggctc | cacagcgggtg | gctcttgagg | aatcctcacc | agtttggtct | 1380 |
| cttccctctg | acaagcagca | cctgagcaga | tgctgaggca | gttcattaaa | ccaggcctca | 1440 |
| gcttcagtg | ctcatcttgc | catctcccgg | ccaggctggg | aacgggcacc | aagcagccgc | 1500 |
| ctctaacaaa | caccatgggtc | cgtggaagtt | catgccagca | gcttgccctt | gagaagaaat | 1560 |
| gctgctgggt | ctatttttac | attcccttcc | acctctatac | tgatcatgtca | ccgttctgaa | 1620 |
| ctcccgatc | tgagaaggaa | ctagtgttgg | tggatgttaa | caagagttac | gtatccaggg | 1680 |
| gcttgtgcct | tggtttctcc | tttgattgct | ggtaaattct | gaggccacag | agaaatgcat | 1740 |
| tgagtgtgaa | tgttgtcatc | tgtaatccct | ccctcagctg | ataatggtag | ttgatctggt | 1800 |
| gtaaatatat | acatatatgc | atatttgcac | ttccagatgg | gttgcataag | aatcagggtcc | 1860 |
| ttaaatacct | cccaatctga | tgaacgata | gaataaagta | acatttccca | gaatggagga | 1920 |
| atacattatt | ttatcgtata | tttttgtcca | agcgatgagc | tgacgggtgg | attgcttctc | 1980 |
| tgcatgttat | cagtgtgtac | atctgggtgct | tttcatgtgt | catttgtgag | ccacaaatgc | 2040 |
| aaagttgcca | tttgaattca | gtcaggctac | aggggtgggt | cagtcaaggt | ctttcagggtg | 2100 |
| ggggagaaa | tggttagggc | tcccactgcc | aaatgcaagc | agatagcata | acctgactgt | 2160 |
| tatgtgcct | caggcagcat | gcttagggac | gaactctgtg | cctgggggac | atctgtgtca | 2220 |
| cagtatagga | ttgccattca | ggtgttttgt | acctatttct | ttcctgacgt | tgtccccctt | 2280 |
| ttttgtactg | atccaactgg | gagaacctca | gccaatgctg | gaagtatgat | tgaagtacct | 2340 |
| ctcttttgtg | actcttgtac | agcttaaatgt | gcaataaagg | aaaagttata | tctgtc | 2396 |

<210> 11829
 <211> 2396
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
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| gactgtaatg | gcattgcagt | agggccaaaa | caagtccaag | cttcttaaaa | tgattgggtg | 120 |
| ttaatttttc | aaagcagaaa | ttttaagcca | aaaacaaacg | aaaggaaagc | ggggaggggg | 180 |
| aaacagaccc | tcccactggt | gccgttgctg | cgttctttca | atgctgactg | gactgtgttt | 240 |
| ttcctatgca | gtgtcagctc | ctctgtcttg | ttgtttacct | gttcctgttc | gtgcttgtaa | 300 |
| tgctcactta | tgttttctct | gtataacttg | tgattccagg | gctgtttgtc | aacagtatac | 360 |
| aaaagaattg | tgccctctcc | aagtccagtg | tgactttatc | ttctgggtgg | tttgatagtg | 420 |
| tttttaaaag | taatatataa | tgtgggggtga | aatgggagta | gggggggtgga | caggggagaa | 480 |
| acgaaaacca | caaaaagaaa | acccaactcc | tctcctcccc | ccaagctcag | ttaaactccc | 540 |
| cacctccaac | tttccctcca | ccagtgtgct | tgggatcttc | aatgaactgt | gcttttcgct | 600 |
| ttctttctgc | atgactattg | taactagata | gaacattaag | agattttcaa | gatcaaactt | 660 |
| ccatagcttc | atccactgaa | tttgaaggca | tccacctttt | tctccatttg | ctaaaatttg | 720 |
| gtgcagtttg | agtttatgtg | aataggctgg | ctgtgcctgt | agagctcttg | tgtttttagt | 780 |
| gatgacatga | aatacaaaga | acaagctatt | tccaggaatg | tgttctgtat | tttacctccc | 840 |
| agtgtaccct | ttattttatt | attaactaat | taactatgag | attttttaaaa | aatggggccg | 900 |
| ctgatgtgca | atatcaaagt | gaacttgtga | gtattttgtg | tgtgttgatc | tcagttgttt | 960 |
| cttcattgtt | gctgtttctg | gatccagcca | tgtgtgcgct | tgtgtggacc | tgaggctgct | 1020 |

| | | | | | | |
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| ttctgttccc | aaagcttgac | ctgtgtacag | agataattcc | ttggcaatgt | tggacataga | 1080 |
| atgcaggag | ctactgaagg | tctgtcaggg | atttgtccat | tctgtctctg | gcctctcctg | 1140 |
| aggcctcata | atgggagacc | aaatcaaaaa | tgtcccattg | cacttgagtg | ggtacactgc | 1200 |
| ctacagaacc | ttgaggttga | ctcctgcttc | agttctcagc | tgtttaccac | agccctccag | 1260 |
| ggtccaaaga | ttgaggagct | ttctctttcc | tgggaggaaac | tgtctcagat | ttagcttgtg | 1320 |
| tgtgttttgg | acagaggctc | cacagcgggtg | gctcttgagg | aatcctcacc | agtttgttct | 1380 |
| cttccctctg | acaagcagca | cctgagcaga | tgctgaggca | gttcattaaa | ccaggcctca | 1440 |
| gcttcagtgc | ctcatcttgc | catctcccgg | ccaggctggg | aacgggcacc | aagcagccgc | 1500 |
| ctctaacaaa | caccatgggtc | cgtggaagtt | catgccagca | gcttgccttt | gagaagaaat | 1560 |
| gctgctggct | ctatttttac | attcccttcc | acctctatac | tgtcatgtca | ccgttctgaa | 1620 |
| ctcccagatc | tgagaaggaa | ctagtgttgg | tggtatgtaa | caagagttac | gtatccaggg | 1680 |
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| tgagtgtgaa | tggtgtcatc | tgtaatccct | ccctcagctg | ataatggtag | ttgatctgtt | 1800 |
| gtaaatatat | acatatatgc | atatttgcac | ttccagatgg | gttgcataag | aatcagggtcc | 1860 |
| ttaaatacct | cccaatctga | tgaaacgata | gaataaagta | acatttccca | gaatggagga | 1920 |
| atacattatt | ttatcgtata | tttttgtcca | agcgatgagc | tgacgggtgg | attgtctctc | 1980 |
| tgcatgttat | cagtgtgtac | atctggtgct | tttcatgtgt | catttgtgag | ccacaaatgc | 2040 |
| aaagtgtcca | tttgaattca | gtcaggctac | aggggtgggtg | cagtcaaggt | ctttcagggtg | 2100 |
| ggggagaaat | tggttagggc | tcccactgcc | aaatgcaagc | agatagcata | acctgactgt | 2160 |
| tatgtgccct | caggcagcat | gcttagggac | aactctgttg | cctgggggac | atctgtgtca | 2220 |
| cagtatagga | ttgccattca | ggtgttttgt | acctatttct | ttcctgacgt | tgtccccctt | 2280 |
| ttttgtactg | atccaactgg | gagaacctca | gccaatgctg | gaagtatgat | tgaagtacct | 2340 |
| ctcttttgtg | actcttgtac | agcttaatgt | gcaataaagg | aaaagttata | tctgtc | 2396 |

<210> 11830
 <211> 671
 <212> DNA
 <213> Homo sapiens

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| agctcagcca | tatctcccgc | ctggagctgg | tcgaatccct | ggactcggat | gaggtggacc | 180 |
| tcaagtccgg | ctacatgagc | gacagtgacc | tcattgggcaa | gaccatgacg | gaggatgatg | 240 |
| acatcactac | cgggtaagcg | caggggcttc | ttggatggcg | ggggaggatg | gtggaaagac | 300 |
| cactgggatg | cgacgcctta | aaagtggagt | ggaacccaaa | acgggttttg | gtttgtctgtg | 360 |
| ctgctatgaa | agtacacaaa | agtgtgctgt | gtacactttg | tgattgcctc | tgaaattcga | 420 |
| tgtggtttat | tctagacttg | ggtgtgggtg | aggcagggcc | tacatccaag | gagctgattg | 480 |
| gtcaatgaag | gcgcctccct | ctcattgggc | tctgtggctg | tcattctgtc | accctcctcc | 540 |
| ctggctcttt | gccctcaata | aactggctca | aagagccttg | gaaaagcatt | ttattcccag | 600 |
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| aaaaaaaaac | c | | | | | 671 |

<210> 11831
 <211> 2234
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
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| gttcattgga | tttgacagat | ggaaaccaag | gttatcgaag | attggaagg | tatcattgtg | 120 |
| aagaagtagc | tcaaaggact | ccggtttctg | tctacaagtg | tgatgtctcc | atgaagaaga | 180 |
| cttagtatgg | atttgggtgg | gtaagaaagc | atttaaagcg | ccaggaaagg | acatgattaa | 240 |
| agttgacctt | ttaatactgt | agtaccttgc | tgtaagtaa | ccccactatt | gtatctgcat | 300 |
| ttatcttttg | ttcatctact | ttcacttaca | tacagtatta | tataagtaga | gaaaaatggg | 360 |
| aaaatgcaag | caaattcaac | tttattttat | acattgtata | tatgtacacc | ctacactatt | 420 |
| catttgggtt | ttattaaaga | gatagtcaca | aagggttac | gaaaatcatt | tttgaattga | 480 |
| taattagaat | attgaataag | caatcctatg | atccactaat | ttgttttatc | agttaataat | 540 |
| attaatcaaa | gacatttact | gtatattcta | gtcattttga | tttgagttaa | ccccaaatat | 600 |

| | | | | | | |
|-------------|-------------|------------|-------------|-------------|-------------|------|
| aaaattacct | gtagtgatgt | ctctctccca | gcccttatat | gtggatat | tttaagtgga | 660 |
| cttgtatgct | gataattcta | gaccaaagta | aatatggcag | aatatttata | catgaaaaaa | 720 |
| taatttttgc | aatattttct | ataattgtat | tcatttaaaa | tgttgatagc | ttgtgttagt | 780 |
| ttcagggagg | ggtgtatatt | ttgataaaaa | aatacttgac | tttgtaattc | tgtatatctt | 840 |
| atacaattta | tagcagagcc | gttttaagac | agccttgtca | catttttttg | ttaaattgtga | 900 |
| aaatttttatt | gagtgtatgt | taagtatgca | ttgagtacat | gaccaactag | aattaaagta | 960 |
| agtgtaaaca | gtgaacatac | tgtatgctgt | acaagatata | atgtaacctg | ctgttttagc | 1020 |
| atctgtat | tggttagaag | atattattaa | atgcagatgt | taaggattgg | aaaagtctaa | 1080 |
| ttttattttt | agaaataatg | gatataaatt | tgtttttgct | tgattaaaat | agcttattcc | 1140 |
| tacattaagt | ctctttttta | atgttttcat | gttatttctt | ttgtgcagct | atttcattct | 1200 |
| tgtgagtcac | agctttgttt | ccacgtatta | ttcagtttat | ttctgtttcc | ttacttgttt | 1260 |
| acattccgtg | gtacctactt | acatgcttag | gagtcaaagt | gattatgaca | ttaggaaaaa | 1320 |
| agcagaataa | aagagattga | agtcctctga | tgattgagtg | ttttggatag | gctctgattt | 1380 |
| ataatgataa | atcagagaa | gaaatgctct | ccaggaaagca | ttctgtccca | ctcatccgtg | 1440 |
| ggaacaacaa | tacattttatt | gagtaccagg | cactgggcaa | tgtctttaca | taggctattt | 1500 |
| cattaacaca | cacgcaccag | aattcgacct | cattatcctc | gtttttatagt | gactttgaga | 1560 |
| aggtctcaca | accagacaaa | gccaggatgc | taacctaggt | ctgcctgact | caaagccca | 1620 |
| tgtttttggt | ccttctcaac | actgtagaga | aaaatcattt | atagaaaactg | aacagagtat | 1680 |
| gaggaaagga | gatattgataa | agtaatgcag | cttttaggatg | gcagttagtg | actgccctgg | 1740 |
| aacaggatta | aaggaggctg | tgtcaggctt | agcttcccct | gaattgggct | tcctttatat | 1800 |
| ctcaggagat | tggcctataa | aaccagtaaa | atttgtgcac | tttttttaagg | atatggagta | 1860 |
| aaattgtaat | agcattataa | gctggtaatt | ttcacacaaa | gaaaaaaata | cgttccgctg | 1920 |
| tcacagactc | tactcctaaa | cttagctaac | taactatctt | gcaaatgcct | gcagtttgct | 1980 |
| ccagtgggca | atgtgagagg | ggatgtcggt | ggctcaggca | gcacagtcca | tcaccaacac | 2040 |
| agagaaaatt | actgccaggc | ctaccgggtg | ctggccagta | gcacatcaatt | tgtattggaa | 2100 |
| gggcaatcca | aaccagattc | acccaaaatt | tgataactgt | tatctgctaa | aactaacttc | 2160 |
| attatgtaca | agaacaacag | atttaatat | gaaagcatct | gtaacaattg | ggaaagtaaa | 2220 |
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<211> 19509
<212> DNA
<213> Homo sapiens
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<220>
<221> SITE
<222> (19397)
<223> n equals a,t,g, or c
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| atagacagt | tcttactatg | ttgcctgggc | tggctcfaat | ctcctgggct | caagtgatct | | | 120 | |
| tcccaccttc | tccccaaagt | ccaggattat | aggcatgagc | caccacgccc | agctaaaagg | | | 180 | |
| tgtttatttt | ttattgtaa | tttgttttgt | cattgacaga | ttttgaatt | ctcttctcta | | | 240 | |
| ccctcttcag | cacatcccgc | tctggcgctt | aaacgtgacc | cctgcctcg | actgcctctg | | | 300 | |
| ccctgtgaaa | atgttggtgc | ttcttgcctt | catcatcgcc | ttccacatca | cctctgcagc | | | 360 | |
| cttgctgttc | attgccaccg | tcgacaatgt | aagtttcctt | tcttgccact | cacgcagaaa | | | 420 | |
| cctgggtcct | gcagtcaata | gaagtgggtt | gtattggtct | gttctcatgc | tgctgataaa | | | 480 | |
| ggcataccag | agactaggta | atttataagg | aaaatgaggt | ctaattggact | cacaattcca | | | 540 | |
| catgtctggg | aggcctctgc | agaaggcaaa | ggaggagcaa | agccacatct | tacatggtgg | | | 600 | |
| caggcaagag | agcgtgtgca | ggggaagctg | cctttataaa | accgtcagat | ctcgtgagac | | | 660 | |
| ttattcacta | ccacaagaac | agtatgggat | aaacttgtct | ccatgatcca | gttacctccc | | | 720 | |
| accgggtccc | ttccacgaca | tgtgggaatt | atgggaatac | aatacyagat | ttgggtgggg | | | 780 | |
| acacagccga | accatatcac | aggttgagaa | ccctgccaaa | gttctcaatg | ttgaacctgc | | | 840 | |
| caagggttcaa | ccacgattcg | gggttgtcct | ccctgcgaag | gcacacacat | cttctgacct | | | 900 | |
| aagggtctgag | gactcttggc | ctaaatgtga | aggttcaggc | cgccccatgt | tcagggtttg | | | 960 | |
| gtggcagggtc | ctggcaggca | gggacgtttg | tcctcccatc | tgtgattctt | tcatagagcc | | | 1020 | |
| tggctcttag | aagccctttg | aggatgttgt | gtgactaacg | ctttcctcta | gatcagagtt | | | 1080 | |
| ctcaaccttg | ccactatttg | cattttgggc | tggataatcc | tttgtgttag | gggcctccct | | | 1140 | |
| gtgcattgta | ggaagttcag | caacgtgtct | ggccttatct | gctagatgca | gtagctcccc | | | 1200 | |

| | | | | | | |
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| acataaacta | taatgcctgt | cacttagcga | tcactgtggc | ccttttatgc | atgtcatctc | 1800 |
| atgtgatccc | caccocagct | gtaccaggta | gggcaccgac | atctccttgc | accgggttac | 1860 |
| aggtgaagga | actgcgcctc | agggccattc | gggcacttgg | cagagtttac | agtgcagtaa | 1920 |
| gcagcagagc | caggatttga | gccattccag | aggctcctgg | tcctagagcc | tgtcagggga | 1980 |
| gtgagcaca | ataatcgcat | ttgggttctg | gagcttcttg | ctgagctgct | gtgagtggcc | 2040 |
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<211> 277

<212> DNA

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| ggctctagaac | tcctggcctc | aagcgatcct | cctgcctcgg | cctgccaaac | tgctgggaatt | 120 |
| gcaggtgtga | gccactcact | gtgtccggca | taaagtagaa | cattcttaca | agaaataaat | 180 |
| atctcgtagt | catggagaag | aacgctccta | aaatgtatgt | atccgttcat | tcatccatcc | 240 |
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<211> 395

<212> DNA

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| acatgaaatt | tgggagggac | cagggggcaa | atgatatggg | ttggctgttt | ccccacccaa | 120 |
| atctcatctt | gaattgtagt | tcttatagtc | cccatgtgtc | atggaaggga | cctgggtggga | 180 |
| ggtaattgta | gggtggtttac | cccatgctat | tcttgtgaca | gtaagtcttc | ataagatctg | 240 |
| atgggttttat | aaggggcttc | ccactttact | cagttctcat | tcttctcctt | cctatcacca | 300 |
| tgtgaagatg | gacatgtttg | ctttcccttc | tgccatgatt | gtaaatttcc | tgaggcctcc | 360 |
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| tgtgaagatg | gacatgtttg | ctttcccttc | tgccatgatt | gtaaatttcc | tgaggcctcc | 360 |
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<210> 11839

<211> 455

<212> DNA

<213> Homo sapiens

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| acatatcaat | gttttgtttt | ggccaacaat | ggctggacca | catatacaat | ggtggttcta | 120 |
| tataattaga | aataactttt | ttactgtacc | ttttctat | ttagatata | ttagatacac | 180 |
| aaatgcttac | ccttatgtta | cattgcctac | agtattcaaa | acagtaacat | gctgtacagg | 240 |
| tttgacgctg | aggagcacta | ggcactatat | agcctcagtg | tgtagtaa | catgccatct | 300 |
| agggtttatg | gagtgcacac | tttaatgttt | ccacaatgac | aaaatcacct | atcaatgcat | 360 |
| gtctcaaaat | gtatcccatc | attaagcaac | ccatgactat | ttttgttcat | gtgctgagtt | 420 |
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<210> 11840

<211> 530

<212> DNA

<213> Homo sapiens

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| ctccccttat | ttcaacaaag | cattaattaa | atatttgagt | acctattctg | tatagtgtact | 120 |
| tgaactagat | cttttagagat | acaagggtga | ataaaataca | gaccctatca | tcaaggataa | 180 |
| ttctagtgtg | aatttatattt | cacattattt | ctgtcagggtc | ttgataatat | tttaatcaca | 240 |
| ggaaccacca | tagcagtcca | gactcat | attatttatc | atctctcagt | aactgctccg | 300 |
| acagtggcaa | caaagggtat | tgaatactta | tattttcaaat | tttaaaattt | atgataattt | 360 |
| ggaggggagg | gaaaaaacct | tactaggaaa | gacaaacatt | cattattcta | cgtgtgtgtg | 420 |
| agctcatgtc | tcttactctt | agcatcctgg | gaattaaagta | cagccttctg | tgtagggtgtt | 480 |
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| acctcttagt | gttgaccttt | ggatacatta | tataaacttc | ttaaaagaaa | cattggaccc | 120 |
| tggtgatcct | gagacaaaca | atacaataag | agggtatgtg | gaacattgat | actgaaatgt | 180 |
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| atttgaataa | gcagataata | aagccctcct | acagtccatg | cctcttatgt | ccccaatcc | 360 |
| actcctcaag | gttaatatgt | tggtgtgtgt | tcttttcagat | atatgtataa | gtacatgttt | 420 |
| atgcgtatgc | tttcatactg | ctctttgact | tttttttttt | aataatgttt | gggaatctct | 480 |
| tctgtccata | ttttttaaca | attacaaaaa | gtattttata | atactttata | aaaagtatct | 540 |
| tataagccaa | agtactctat | ttcaccaaat | ccttat | aggaaataat | cagtgtctaca | 600 |
| gtgaacatct | ctgtacaagt | caatattttt | tgtagaatgc | actagaaatg | gaacttctgt | 660 |

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<211> 3811

<212> DNA

<213> Homo sapiens

<400> 11852

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| aggaggagga | gctggaaacc | tgggggtgggt | tggccaaagg | agaacctcaa | gctcctggcc | 360 |
| tgatccagct | ccttcctgcc | caaggcagct | tagcccatcc | agactgggtc | tgaagtctgt | 420 |
| ccctccattg | gcatgaagtc | tgccccttag | caatctggcc | tcgcaggctg | tactttcatg | 480 |
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| agcatgtgat | attagggagt | ttgcaataaa | ttattgaggc | tgatgtatct | tctttgcctg | 600 |
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| taactgggat | tacagtcacc | caccactatg | cctgcctagt | ttttgtattt | ttagtagaga | 3000 |
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| gttttgactt | gcgtgccctc | tcattccacc | caggggaagct | ttccgctggg | ccctcttcag | 3180 |
| catgcaggcc | acaggccacg | tactgcttgg | cacctcctgt | tacctgcagc | agctcctcga | 3240 |
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| gaagatactg | cagtgaagc | ccaagtcctt | ggaagctttc | ccagtgaa | gactgactgg | 3360 |
| gggcctcacg | cttaactggg | agtgcccaca | agcctggcag | ctgtagagcc | gcgaacctcc | 3420 |
| ccacacctcc | ctcaccgcgc | aggaccctga | gtgaggagga | ggagctggaa | acctgggggtg | 3480 |
| ggttggccaa | aggagaacct | caagctcctg | gcctgatcca | gctccttctt | gccaaggga | 3540 |
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| tagcaatctg | gcctcgcagg | ctgtactttc | atggtgctct | ctaccttctg | gcccccatcc | 3660 |
| cggaacattc | ctgagtgaat | tcgcaagcgc | actagcatgt | gatattaggg | agtttgcaat | 3720 |
| aaattattga | ggctgatgta | tcttcttttg | ctgtgttctt | tgggggtggg | ttttatctgg | 3780 |
| aagggtggag | ggggctaaag | gaagagacga | atctattgtc | aaagtattct | ctttaatgta | 3840 |
| gtattacagc | taatggcact | ttttctacca | aagaagaaaa | aaaaaaaaac | ctgggcacag | 3900 |
| tgacacgtgc | ctgagctccc | agatactcag | caagctgggg | tggaagcatc | ccttgagacc | 3960 |
| aggagttcaa | ggccaggctg | gagcacaata | gcaagacccc | aggctcctta | aaaaacaaaa | 4020 |
| ttgcagttga | ttttgaaact | aaagtcagct | gaatttgagg | cttgagctga | ccatgtaatt | 4080 |
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| ggtgggatta | agtcactctt | ctaattttct | agtgtcccat | ttataataaa | ccgtttaagt | 4200 |
| ggttaggtga | aaaagtacta | ctcaagctgt | aaggcatttc | tccatcaatg | cccatcctaa | 4260 |
| cttgccagac | agctttatctt | tcatgttcag | gactttcaac | ctcgggattt | caaagtgggc | 4320 |
| tcataggtag | ccccaagag | taggagcttc | tcatcaggt | gagctggcat | tttccagtat | 4380 |
| tgacaaactc | aagacaagca | tgaaggctg | aacttagggt | gggcattggtg | gctcacgccg | 4440 |
| taatcccagc | actttggggag | gccgagccag | gcagattacc | tgaggtcagg | agttcaagac | 4500 |

| | | | | | | |
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| gagcgagact | ccatctcaaa | aaaaaaaaaa | aaaggctgaa | cttgtagaac | ttgtaggtga | 4740 |
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| caaggtcagg | catttgagag | cagcctggcc | aacatggcca | aatcccgtct | ctactaaaag | 5220 |
| tacaaaatat | tggccgggca | tggtggtggg | cacctgtaat | ctcagctact | cggggggctg | 5280 |
| aggcaggaga | attgcttgaa | cctgggagggt | gcaggttgca | gtgagccgag | attgtgccat | 5340 |
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| aaacgaaaaa | caaaacaaaa | cctattgttt | cactactctt | actataaagc | ctatttggat | 5460 |
| gtagtaaata | ctaaggcaaa | ggcctatatt | accaaagatg | gtctgggagc | tatttatggc | 5520 |
| agcggaccca | aaccctgcag | cctatgggca | aagcggctga | agctcgctga | agagggcctg | 5580 |
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| gagatccgga | gtttcacaaag | tgaatcttga | gcaactgcc | atgggtctct | ggcattgagc | 5880 |
| ccagggaaaa | caaggttctt | tcttttcttc | caggagctcg | aggctaattg | agtcaaagca | 5940 |
| gctgtgggtca | gtgaacagaa | aaggcagcct | ctgatgaggc | ttgggggctg | gggaggggaag | 6000 |
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| agccccctca | gctcagcctt | ttcatctgtt | caagctggtg | ctcgggagtg | cacaggatgc | 6180 |
| ctttcagaag | aattctaaat | cccggggggc | tgtgatgcca | cagtcacatg | tctgagccca | 6240 |
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<210> 11855
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| ggcagacaag | cccttcttcc | tggtgtctga | ggaagatggc | acaactgtag | agacagaaga | 180 |
| gtactttcaa | gccttggcag | gggatacagt | gttcatggtc | ctccagaagg | ggcagaaatg | 240 |
| gcagcccca | tcagaacagg | tgagggtcca | cctgttgac | ctgatggggg | agaaaatccg | 300 |
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<210> 11856
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 <212> DNA
 <213> Homo sapiens

| | | | | | | |
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| tctcggctca | ctgcaagctc | cgcctccccg | gttcatgcca | ttctcctgcc | tcagcctccc | 120 |
| aagtagctgg | gactacaggc | acccgccacc | acgccagct | aattttttgt | atttttagta | 180 |
| gagacggggt | ttcaccgtgt | tagccaggat | ggtgtcgatc | tcctgacctc | gtgatccgcc | 240 |
| ggcctcggcc | tcccaaagtg | ctgggattac | aggcgcaagc | caccgcgccc | gacctatata | 300 |
| tgtattttt | | | | | | 309 |

<210> 11857

| Table 1. Demographic characteristics of the study population | |
|--|-------|
| Age (years) | |
| 18-24 | 10.0 |
| 25-34 | 15.0 |
| 35-44 | 20.0 |
| 45-54 | 25.0 |
| 55-64 | 30.0 |
| 65-74 | 35.0 |
| 75-84 | 40.0 |
| 85-94 | 45.0 |
| 95-104 | 50.0 |
| 105-114 | 55.0 |
| 115-124 | 60.0 |
| 125-134 | 65.0 |
| 135-144 | 70.0 |
| 145-154 | 75.0 |
| 155-164 | 80.0 |
| 165-174 | 85.0 |
| 175-184 | 90.0 |
| 185-194 | 95.0 |
| 195-204 | 100.0 |
| 205-214 | 105.0 |
| 215-224 | 110.0 |
| 225-234 | 115.0 |
| 235-244 | 120.0 |
| 245-254 | 125.0 |
| 255-264 | 130.0 |
| 265-274 | 135.0 |
| 275-284 | 140.0 |
| 285-294 | 145.0 |
| 295-304 | 150.0 |
| 305-314 | 155.0 |
| 315-324 | 160.0 |
| 325-334 | 165.0 |
| 335-344 | 170.0 |
| 345-354 | 175.0 |
| 355-364 | 180.0 |
| 365-374 | 185.0 |
| 375-384 | 190.0 |
| 385-394 | 195.0 |
| 395-404 | 200.0 |
| 405-414 | 205.0 |
| 415-424 | 210.0 |
| 425-434 | 215.0 |
| 435-444 | 220.0 |
| 445-454 | 225.0 |
| 455-464 | 230.0 |
| 465-474 | 235.0 |
| 475-484 | 240.0 |
| 485-494 | 245.0 |
| 495-504 | 250.0 |
| 505-514 | 255.0 |
| 515-524 | 260.0 |
| 525-534 | 265.0 |
| 535-544 | 270.0 |
| 545-554 | 275.0 |
| 555-564 | 280.0 |
| 565-574 | 285.0 |
| 575-584 | 290.0 |
| 585-594 | 295.0 |
| 595-604 | 300.0 |
| 605-614 | 305.0 |
| 615-624 | 310.0 |
| 625-634 | 315.0 |
| 635-644 | 320.0 |
| 645-654 | 325.0 |
| 655-664 | 330.0 |
| 665-674 | 335.0 |
| 675-684 | 340.0 |
| 685-694 | 345.0 |
| 695-704 | 350.0 |
| 705-714 | 355.0 |
| 715-724 | 360.0 |
| 725-734 | 365.0 |
| 735-744 | 370.0 |
| 745-754 | 375.0 |
| 755-764 | 380.0 |
| 765-774 | 385.0 |
| 775-784 | 390.0 |
| 785-794 | 395.0 |
| 795-804 | 400.0 |
| 805-814 | 405.0 |
| 815-824 | 410.0 |
| 825-834 | 415.0 |
| 835-844 | 420.0 |
| 845-854 | 425.0 |
| 855-864 | 430.0 |
| 865-874 | 435.0 |
| 875-884 | 440.0 |
| 885-894 | 445.0 |
| 895-904 | 450.0 |
| 905-914 | 455.0 |
| 915-924 | 460.0 |
| 925-934 | 465.0 |
| 935-944 | 470.0 |
| 945-954 | 475.0 |
| 955-964 | 480.0 |
| 965-974 | 485.0 |
| 975-984 | 490.0 |
| 985-994 | 495.0 |
| 995-1004 | 500.0 |
| 1005-1014 | 505.0 |
| 1015-1024 | 510.0 |
| 1025-1034 | 515.0 |
| 1035-1044 | 520.0 |
| 1045-1054 | 525.0 |
| 1055-1064 | 530.0 |
| 1065-1074 | 535.0 |
| 1075-1084 | 540.0 |
| 1085-1094 | 545.0 |
| 1095-1104 | 550.0 |
| 1105-1114 | 555.0 |
| 1115-1124 | 560.0 |
| 1125-1134 | 565.0 |
| 1135-1144 | 570.0 |
| 1145-1154 | 575.0 |
| 1155-1164 | 580.0 |
| 1165-1174 | 585.0 |
| 1175-1184 | 590.0 |
| 1185-1194 | 595.0 |
| 1195-1204 | 600.0 |
| 1205-1214 | 605.0 |
| 1215-1224 | 610.0 |
| 1225-1234 | 615.0 |
| 1235-1244 | 620.0 |
| 1245-1254 | 625.0 |
| 1255-1264 | 630.0 |
| 1265-1274 | 635.0 |
| 1275-1284 | 640.0 |
| 1285-1294 | 645.0 |
| 1295-1304 | 650.0 |
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10769

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| cacctttata | ttttaatact | caagtctctgt | gtcccttttg | gccactttaa | aaagtcttcc | 900 |
| ctcacctttg | ataaatagga | ttcagaaagc | taacagtttt | cattctgaag | gagcagaaac | 960 |
| ataatcaatc | cctccctgag | ataaaatgtg | ggcatgcaca | ttgctttgga | gtcagtattc | 1020 |
| agctgtaagt | gtagtattgt | tttatggctg | aaatagaaa | ctaataaga | ggcctacctg | 1080 |
| gatccagatt | ttatgttaac | atggcagcaa | aactaggaaa | atgggaagaa | attacttgcg | 1140 |
| gggtgttcta | gatctgattt | ttttttttt | tttgaaagtt | tcagcctgtg | ggaggaaaag | 1200 |
| aggtatcttt | taaaatagag | atagttacat | attttctctca | tctaggctgt | gtcactattg | 1260 |
| ggtgcaagga | tatcattgtt | ggctagattc | attttgtata | atcatgtatc | ctcttggtgtg | 1320 |
| ctggtagaga | ttttaatcct | gatttttcca | taaaacatga | gtattaagaa | ataattcctg | 1380 |
| gtttggagaa | actggagaaa | tcaccctttt | aaggaagaaa | cactggaaat | ttctgctaac | 1440 |
| accaagatat | ttaagagtgt | acatagtagg | tgctcaacaa | atttattgaa | tgaatgagtg | 1500 |
| aatggaaaaa | ctgggagagt | caaaagtgg | cagaagctct | ccatttctac | ttctgtcaca | 1560 |
| aaccacatta | aattgtaaat | aaggcccttc | tccacttgac | ttcaggcagc | agattgtcta | 1620 |
| gaagcctaag | gacagcaatt | tctctgacaa | gacaaaagta | atattttata | ccagggggtg | 1680 |
| gcaaactact | gccccgggc | cgaatttggc | ccagctgtgt | tttgtatggt | gcacaaataa | 1740 |
| aatgattttt | acatttttaa | agagtataaa | aagaaaaaaa | tatgtggctc | gtgaaatcta | 1800 |
| aaatatttac | tacctggcct | gttgaggagaa | aggtcgcga | atctctgttt | tataccaaaa | 1860 |
| actatgagat | taacaaaaac | ttttaccttt | gtg | | | 1893 |

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<210> 11861
<211> 4498
<212> DNA
<213> Homo sapiens
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| ttctccagg | cttcctcag | cttcaaggag | aaagagttca | gaggccctga | gggatgaag | 180 |
| ggacttgtga | aggggcttca | gggggatggg | ttggggggaa | ggaggttcct | attcttactc | 240 |
| cccttctgcc | tatgtctccc | caatgttctt | gtctctcccc | tccccacctc | tggcccccctc | 300 |
| tttggcccc | gtggccaaag | ttgttgagga | aggagggagt | agatggaggg | ctcttttcac | 360 |
| cagaagacc | ccagtcacaa | gcagccacc | tctactgatg | tcagagcatc | cagaagaagt | 420 |
| ggcaagactt | cagctgtcct | caagcagga | agacagagtg | tttctggcag | aaagaacagc | 480 |
| acaagcaaa | gttaggcagt | ggggctctgga | gaggctggtg | gaggactggg | gcttggtctc | 540 |
| aatggttatg | agaggaggtg | ggcaggatgt | tctgtaccaa | gggccacact | gtcccttctt | 600 |
| ggaagaaaca | gtgggtaccc | agcaccacga | gcttctccca | catgctggcc | accgcctctg | 660 |
| gccccagtag | acctggccct | caactgcctc | agcaagcctc | acaggttggg | gacccaccc | 720 |
| tcattattct | caagtgcata | aaccccgaa | gactgaagcc | ccgagtccca | ataaacaggt | 780 |
| cccatccatc | cgtaggccag | tccgctgggc | ccctagcacc | ccctatgggc | aggaagcaac | 840 |
| actaatggag | gaggagcctc | cagcagcctg | gggtgggggt | ggggctggag | agtgaagcgt | 900 |
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| gtcctcagga | agctcccagt | ctgacggggg | acacatatag | tgctctcaga | gctgccttct | 1080 |
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| aagacgtcca | attaaattga | atatcagata | aacaacgaat | aatattttta | cataagtctg | 1320 |
| tcccatacaa | tattttggag | agacttacac | tatttaaagt | atccagttta | actggaagtc | 1380 |
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| ccaggccaga | gccctaatac | ctcggtgcac | aatggccgcc | ttctcccccg | ccgcccgcgc | 1620 |
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| agccgcggag | ccccgcgccg | caggaggccc | cgccgctatg | ccagctatgc | cagctatgtc | 1740 |
| cctgctgccg | ccggccgccca | ccgctcccc | attaatgctg | gctaattctg | ctaataaata | 1800 |
| aactccccct | ccagccccag | ccccgcgccg | actcctcccc | gccccgcag | aatcgatgtc | 1860 |
| agggctcgac | tagagcaagc | gcccgcactc | cacccacctc | cctcagatg | tagctgacgt | 1920 |
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| ttgggaagtc | tcgccttagc | cactgcgttt | gccttctctt | tttccagtc | acctgcgcac | 2040 |

| | | | | | | |
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| cagggggcagg | acacgtggct | gggtgcagac | gctggcccgg | atgtcgcgga | ggactcgcg | 2100 |
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| aatgcgctct | aattaccac | cgcgcgtgtc | atccgcggcg | ctccgcggcg | ctgggccaac | 2460 |
| gcgcgtaat | taagacgcg | ctccccggtc | ccggaacct | cccttcgcca | ccctccaccc | 2520 |
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| ggcccttcca | ctcccctaaa | cctacagtcc | tggaaggtct | ctgctggaag | agactgggag | 2700 |
| agtggggagg | ggccagggac | ctatttctgt | gacagaaaca | gtgaggtcta | ttggaaagt | 2760 |
| agccttcagt | gggaggagtg | gcaaaggcac | gcagggcagc | agtacccccg | tttggcactt | 2820 |
| gaggcacgga | gaagggaagg | gaagtccgcc | cagccagaac | tcccagacc | gctcgtttaa | 2880 |
| cagtggcttt | atgagcagca | cgacggactc | cctccccctg | cggggaaatt | accttcctgc | 2940 |
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| gccatagggg | agctgggtgag | gagtgagggtg | gctctggcct | cccatgtcag | gtagggtgag | 3060 |
| agaggccctg | aagatagaag | ccaggccccg | aggccagaat | taaaggggta | gcttggccat | 3120 |
| cagctccttc | ccccaaaacc | aggctcagag | ctctcctcta | tcagcaattc | tttcctgagg | 3180 |
| tccaggggtg | tgcaaactca | tggccttggg | ccacgtttta | ccttcagtga | ggttttgttt | 3240 |
| ggcttgcaat | gagtacatgg | gttttaggtt | gaatgtgaga | gtctgcagac | aatgtgggtt | 3300 |
| ctccgactgc | cctcccagtg | aagggtggacc | tctgatttag | accggcccg | tgggcccgtg | 3360 |
| cctacatcct | tttctcagc | gtcaggatct | tagtccccat | gattgctgcc | cctttgtggt | 3420 |
| ctgcatgttt | cttggtaagg | gtgcccagtc | aagtgtctct | gggagcccc | tcttctctgt | 3480 |
| catcgtcagg | ctccccactt | gcagtggccg | tgggtggctgc | acatgctccc | ggatacccc | 3540 |
| ccagcactcc | cttttgtcat | cttgagtttc | agtccgtgac | ttgggtggca | ccctatcttc | 3600 |
| tccatcaggg | atggtagcta | tttttctgcc | atgagactag | aggttgcttg | agaacaggaa | 3660 |
| attggatctc | tcccttcagg | ctgggatttc | actaagggtc | ggagaagggg | ggaatatggg | 3720 |
| aggattatct | cctatcacag | ggagcgctct | gagggcaagg | ctgtgtctcc | gattcagact | 3780 |
| gacggttccc | tgaggatggg | gctgtttctc | ccctccgact | ggggctccct | gaggatgggg | 3840 |
| ctgtttctcc | cctccgactg | gggctccctg | aggacagggc | tgtgtctccc | ctcagcctgg | 3900 |
| ggctccctga | gtcagggtg | tgtctccctc | cagactgggg | ctccctgagg | acggggctgt | 3960 |
| gtctgcctca | gactgggaat | ccctgaagat | ggggccgtgt | ctccctcaaa | gtggggctcc | 4020 |
| ctcaggacag | cgttgtgtct | ccctcagac | tgccgctccc | tgaggacggg | gctgtgtctc | 4080 |
| cctcagactg | gggctccctg | aagaaagggc | tgttctctcc | tcagactgga | gctccctgaa | 4140 |
| gatggggctg | tgtccccctc | agactggggc | tgccctgagga | tgaggctgca | tctccccctca | 4200 |
| gactggagct | ccctgagggc | agggtgtgtc | cccccttcca | gactggggcc | tcccccaaag | 4260 |
| gacagggact | gtgtctcccc | tgggactagg | ttctttgtgt | cttctgcatc | agacagattc | 4320 |
| ccatgaggac | agggtgtgtc | ccccctccat | ctggagctcc | ctgaaggcaa | tggcctctcc | 4380 |
| cctcaaattg | gacatttgca | ccccacccca | ccctctgggt | ccccatggcg | cccaggcatt | 4440 |
| cctcccagga | caccatttgt | cacgctttga | tgaatgaaac | ttactaagaa | taactcag | 4498 |

<210> 11862
 <211> 1331
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| <400> 11862 | | | | | | |
| gtgaggggct | tagcacctgg | gccagcagct | gctgtgctca | atctctcccc | gggccttagc | 60 |
| tgccttccc | cggggcaggg | ctcgggaact | gcagcctgcc | atgcctgaga | ctcctcctgg | 120 |
| ctccgtgggc | tcctgtgcgg | ccagagcctc | cccagcagac | gccaccccc | gctccatggc | 180 |
| gcccagctcc | atccaccacc | caagggctga | ggagtgcggg | cgcacagcgc | cggactggca | 240 |
| ggcagctcca | cctgcagccc | tggtgcagga | tccactgggt | gtagccagct | gggctcctga | 300 |
| gtctgggtgg | gacgtggaga | acctttatgt | ctagctcagg | gattgtaaat | acaccaattg | 360 |
| gcactctgta | tctagctcaa | ggtttgtaaa | cacaccaatc | agcactgtga | atgcaccaat | 420 |
| cgacactgta | tctagctact | ctgggtggga | cttggaagac | ctttgtgtca | acactctgta | 480 |
| tctagcta | atagtgggga | catggtgaac | ctttgtgtct | agctcggatt | gtaaacgcac | 540 |
| caatcagcac | cctgtcaaaa | cagaccactg | ggctctacca | atcagcagga | tgtgggtggg | 600 |
| gccagataag | agaataaaa | caggtgtccc | cagcccgcag | tggcaaccgc | ctgggatccc | 660 |
| tttccacgct | gtggaagctt | tgttcttttg | ctctttgcaa | taaatcttgc | tactgctcac | 720 |

| | | | | | | |
|------------|-------------|------------|-------------|------------|------------|------|
| tctgtaggtc | cacgctgcct | ttatgagctg | taacactcac | cggaaggtc | tgcagcttca | 780 |
| ctcctgaagc | cagcgagact | acgagcccac | cgaggaggaac | agacaactcc | agacgcgccg | 840 |
| ccctaagaac | tgtaacactc | accgcgaagg | tctgcagctt | cacccttaag | ccagcgagac | 900 |
| cacgaaccca | ccagaaggaa | gaaactctga | acacatctga | acatcagaag | gaacaaactc | 960 |
| tggacacgct | gtctttaaga | actgtaacac | tcaccgcgag | ggtcgcgggc | ttcattcttg | 1020 |
| aagtcatgtg | gaccaagaac | ccaccaattc | cggacacagg | aggatcgctt | gagcccagga | 1080 |
| attcaagacc | agcctgggca | acccagcaac | actccatctc | tacagaagtt | gtaaaattag | 1140 |
| ctgggcgtga | tggggcgcat | ctgtagtctt | agctacttat | cctagccttg | gcgagaggat | 1200 |
| cacttgagcc | caggagggtta | aggctgcagt | gagccatgat | tgcaccactg | cactccagcc | 1260 |
| ggggtaacaa | agtcagaccg | tgtctctaaa | aataaataaa | taaataaaaa | taaaataaat | 1320 |
| ttgacaacca | a | | | | | 1331 |

<210> 11863

<211> 518

<212> DNA

<213> Homo sapiens

<400> 11863

| | | | | | | |
|------------|-------------|-------------|------------|-------------|-------------|-----|
| tccctctgcc | cctcccttca | gtggagggga | gactttgaaa | tcaggtgctt | gggggggggg | 60 |
| cgctgctccc | agtgggggtg | tgaggaacct | ggaggatgaa | tccctgtccc | ccgccctccc | 120 |
| cctactctat | tcttctttac | cctgcccctt | tccactccaa | aacctcaagc | ctctggttca | 180 |
| catctgagtg | acctttccaa | agcaactggt | ctcagggggt | ccttggggagc | cgaggaggctg | 240 |
| tgaccttaac | ccacttcttt | ggacagtgcc | ttcctggcac | tccaccccca | cctgccacct | 300 |
| cctgagagga | acatttctggc | tggctcttggc | aaaaacatca | gtctatgatc | caggcagcct | 360 |
| ggtacagtac | cagctctgcc | actgacacca | ctgtgacctt | gggaagccat | ttacacatat | 420 |
| gggtctcagt | ttctccatat | gtaaaatgac | ttttgtttag | ctttcctgat | tttcaaacct | 480 |
| ttttttcaaa | cagtgaatcc | tcttgtttta | attgtaaa | | | 518 |

<210> 11864

<211> 2065

<212> DNA

<213> Homo sapiens

<400> 11864

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|------------|------|
| gagaaagtcc | aggcaggaac | ctggttgtat | atgggaagga | actgatccaa | gttgggagtt | 60 |
| taaaatccaa | ggaaccagct | cagatctgag | acttgtgaac | taaccttcgg | ggctaacagg | 120 |
| ccagcaggtc | agccaggatg | gtgaggggtga | ctttgctccc | aggcagtttt | ccactccacc | 180 |
| ctcaggctgg | agggttgtttt | aaatattttta | tgtgagggaa | gaaagggaag | ccagcatgat | 240 |
| catctggggc | tgtctgctaa | tcgtgagcgt | gtgtgtagag | gggacagaga | gttttagact | 300 |
| tggcaacagc | aatctttttat | ttatgattaa | gtataagagt | aggatgtaaa | gtccatttgc | 360 |
| gttttagctg | ttattttacca | tgctttaagt | taggtgattt | taaattattc | acattaaatt | 420 |
| attcacattc | tcatcgcttt | agtttcttaa | ccttatactt | ctttcaagat | gtccgccaac | 480 |
| ccctgaaaat | atgtggcaca | gttggttggtg | cacatatgtg | tattttgttg | ggttagaggt | 540 |
| gcacctgact | cagtaaagat | tcagtctgct | aattactgta | ttgctttctc | ttagctcaga | 600 |
| tgggtataatg | caagcatata | tatttcttca | ttgtaaactg | ttctcaagag | gcgattttct | 660 |
| actgattcaa | gtaaaattata | gagaggtgag | acagatacat | ttaaaattta | catctttagt | 720 |
| ctaaccacaa | catttttttct | catattaatc | agcaagcttt | taatttttag | ttcagaaagg | 780 |
| agaagtataa | agttggaaaa | aatgcatggt | tgaaagcaca | caatgctgcc | ctatatagat | 840 |
| agagagagag | agagtataaa | aatcaaaatg | aaacacaacc | tgcaaagtgc | agagaacata | 900 |
| tttggaagag | gaaatgcagc | tggatttggc | caaatttgca | aaacaccaga | tgttcccaca | 960 |
| gcttgtacat | gatgttaaaa | atgtaaaata | aatgtgtact | attcatacac | agtgtgcagt | 1020 |
| tttcaaagt | gtaccacat | ttaatttaga | aagaaatttt | tggaaagaac | tggtaagcta | 1080 |
| attctcgagt | gcataacaag | aacaataagc | aattgttcag | atactagaat | tcagaaagga | 1140 |
| atattcccaa | ggcctgaact | gagtgcccaa | tccactggta | aaacatacca | gagaaggctc | 1200 |
| ttcactttca | tggtaacagt | cattccattg | ccattttacat | ttgcagaatt | cctagaatct | 1260 |
| ctggggaaaa | tatttacaaa | tagtattatg | tccctgcagtc | agagagtga | tttgtgtgcc | 1320 |
| atttgagatg | attaatatgc | agaaggaaaa | aggaagcaaa | tgtttaaagt | gtatttgtac | 1380 |
| caaatctaaa | tgcttttttt | gttgtgtgtt | gttgttgaat | cagattagag | ttgctcctct | 1440 |
| attgcttgct | aattcagctg | ttataagcat | ttttatagaa | gggacagaga | acaagtgaat | 1500 |

| | | | | | | |
|-------------|-------------|-------------|------------|-------------|-------------|------|
| ggggttagaaa | tccaggaaaa | tgggttgtaaa | agaggctgaa | aggcagggtca | gaacacaatt | 1560 |
| tgcttggtat | taggtgggta | gtaatgggga | gcatatgtat | aatccttagcc | tttgtgtttt | 1620 |
| atactttcca | cttgctgtca | atagctagta | ctgctacatc | catagataaa | tgcatggcaa | 1680 |
| atacttctct | ctcatatgaa | atgctgtcaa | gaagtttgcc | aggatccttc | tttaaaaatt | 1740 |
| cccaggtaat | catacagttt | aaaaagtcct | tctggtacct | tgcccagtg | tactcaacct | 1800 |
| ggaattagat | aggatatttac | ccactcccc | ttccccacc | ttgcacgtgc | tgccctttcca | 1860 |
| actcccaccg | tttgtgattc | attgccatcg | taaaccactg | cttctaattg | gaaacatggt | 1920 |
| gtctcctttg | gattgtagca | gaaaaattat | tgagaacctc | ttatctagcc | tactttctaa | 1980 |
| ccttcaaact | catttctatt | gataattaag | ccagtatccc | tgcttacttg | ctttatttat | 2040 |
| ttaataaaaag | gtatctttttg | cctaa | | | | 2065 |

<210> 11865
 <211> 2066
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|------|
| <400> 11865 | | | | | | |
| gagaaagtcc | caggcaggaa | cctgggttgta | tatgggaagg | aactgatcca | agttgggagt | 60 |
| ttaaaatcca | aggaaccagc | tcagatctga | gacttggtgaa | ctaaccttcg | gggctaacag | 120 |
| gccagcagg | cagccaggat | ggtgaggggtg | actttgctcc | caggcagttt | tccactccac | 180 |
| cctcaggctg | gaggttggtt | taaatatttt | atgtgagggg | agaaagggaa | gccagcatga | 240 |
| tcactctggg | ctgtctgcta | atcgtgagcg | tgtgtgtaga | ggggacagag | agtttttagac | 300 |
| ttggcaacag | caatctttta | tttatgatta | agtataagag | taggatgtaa | agtccatttg | 360 |
| cgtttttagct | gttattttacc | atgctttaag | ttaggtgatt | ttaaattatt | cacattaaat | 420 |
| tattcacatt | ctcatcgctt | tagtttctta | accttatact | tctttcaaga | tgtccgcca | 480 |
| cccctgaaaa | tatgtggcac | agttgttggt | gcacatatgt | gtattttggt | ggggttagagg | 540 |
| tgcacctgac | tcagtaaaga | ttcagtcctgc | taattactgt | attgctttct | cttagctcag | 600 |
| atggtataat | gcaagcatat | atatttcttc | attgtaaact | gttctcaaga | ggcgattttc | 660 |
| tactgattca | agtaaattat | agagaggtga | gacagataca | tttaaaattt | acatcttttag | 720 |
| tctaaccaca | acattttttc | tcataattaat | cagcaagctt | tttaattttta | gttcagaaag | 780 |
| gagaagtata | aagttggaaa | aaatgcatgt | ttgaaagcac | acaatgctgc | cctatataga | 840 |
| tagagagaga | gagagtataa | aaatcaaaat | gaaacacaac | ctgcaaattgt | cagagaacat | 900 |
| atttgggaaga | ggaaatgcag | ctggatttgc | ccaaatttgc | aaaacaccag | atgttcccac | 960 |
| agcttggtaca | tgatgttaaa | aatgtaaaat | aaatgtgtac | tattcataca | cagtgtgcag | 1020 |
| ttttcaaattg | tgtaccacaca | tttaattttag | aaagaaattt | ttggaaagaa | ctggtaagct | 1080 |
| aattctcgag | tgcataacaa | gaacaataag | caattgttca | gatactagaa | ttcagaaagg | 1140 |
| aatattccca | aggcctgaac | tgagtgccca | atccactgg | aaaacatacc | agagaagggt | 1200 |
| cttcactttc | atggtaacag | tcattccatt | gccatttaca | tttgcagaat | tcctagaatc | 1260 |
| tctggggaaa | atattttaca | atagtattat | gtcctgcagt | cagagagtga | atttgtgtgc | 1320 |
| catttgagat | gattaatatg | cagaaggaaa | aaggaagcaa | atgtttaaag | tgtatttgta | 1380 |
| ccaaatctaa | atgctttttt | ttgttgttgt | tggttgtgaa | tcagattaga | gttgtctctc | 1440 |
| tattgcttgt | caattcagct | gttataagca | tttttataga | aggacagag | aacaagtga | 1500 |
| tgggttagaa | atccaggaaa | atggttgtaa | aagaggctga | aaggcaggtc | agaacacaat | 1560 |
| ttgcttggtg | ttaggtgggt | agtaatggg | agcatatgta | taatcttagc | ctttgtgttt | 1620 |
| tatacttttc | acttgctgtc | aatagctagt | actgctacat | ccatagataa | atgcatggca | 1680 |
| aatactttct | tctcatatga | aatgctgtca | agaagtttgc | caggatcctt | ctttaaaaat | 1740 |
| tcccaggtaa | tcatacagtt | taaaaagtc | ttctggtacc | ttgcccagtg | ttactcaacc | 1800 |
| tggaattaga | taggtattta | cccactcccc | tttccccac | cttgacgtg | ctgcctttcc | 1860 |
| aactcccacc | gtttgtgatt | cattgccatc | gtaaaccact | gcttctaattg | ggaaacatgt | 1920 |
| tgtctccttt | ggattgtagc | agaaaaatta | ttgagaacct | cttatctagc | ctactttcta | 1980 |
| accttcaaac | tcatttctat | tgataattaa | gccagtatcc | ctgcttactt | gctttattta | 2040 |
| tttaataaaa | ggtatctttt | gcctaa | | | | 2066 |

<210> 11866
 <211> 106
 <212> DNA
 <213> Homo sapiens

<400> 11866

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|------------|------------|------------|-------------|------------|------------|-----|
| tttttttcta | tttttagtag | agatgaggtt | tcacccatggt | agccaggatg | gtctcgatct | 60 |
| cctgacgtcg | tgatccaccc | acctcagcct | cccaaagtgc | tgggat | | 106 |

<210> 11867
 <211> 106
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|-----|
| <400> 11867 | | | | | | |
| tttttttcta | tttttagtag | agatgaggtt | tcacccatggt | agccaggatg | gtctcgatct | 60 |
| cctgacgtcg | tgatccaccc | acctcagcct | cccaaagtgc | tgggat | | 106 |

<210> 11868
 <211> 1817
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|-------------|------------|------------|------------|------------|------|
| <400> 11868 | | | | | | |
| acaatccaca | gcagcccctg | ccctcccagc | tgacccaggg | agtaatcgcg | tgctctaagc | 60 |
| cacagtgggc | ggggctgggc | atgggcctct | ggagaagaga | agatttgagg | agaactgtcc | 120 |
| tagaggcagg | aggagcagat | gtgtttcaga | atgggcagaa | ttaggaaatt | gagaaagatt | 180 |
| ttggctcaac | agaatccagc | aactgctcca | gatgttggag | atgtttaagc | agaagctggg | 240 |
| tgcgcactta | atgaggaatg | ttgttgaaaa | tggctcattg | aagaagttaa | aggtcccttt | 300 |
| tagcctggag | attgtacaaa | tcagcattcc | acatctggag | ttagctaccc | gcattaagcc | 360 |
| tgaacagaca | tcttggtctg | aaaggaagtg | gtttggattc | atgatgcaa | gctccacact | 420 |
| atggagctgg | gaattccaga | attgctttga | ctcagatatt | aatggagaaa | gtcatatcca | 480 |
| ttaatggata | aagccgtatc | tggtatggat | aaagccgtat | ccagagttgc | tttgactcgg | 540 |
| atgttaattg | ataaagccaa | ttattgattt | ctatttgctt | aacctgccag | cttttgctca | 600 |
| agtggggaat | ggagagccat | agggatgttt | gtcatctcac | atgttttggt | gatctgctgt | 660 |
| ctgtgggtct | ggatgggaatt | tggtggcaag | accattttct | gtattggata | ttcttcccaa | 720 |
| cagtgtccac | cccaaaaggc | tttcagccaa | aacgtctgag | cctaggtagg | tttaccagg | 780 |
| gaagccataa | gtcaagaagc | atcagagtga | aaaggagcac | ttccttcatt | ttacgccag | 840 |
| aggctaattg | tccgagagga | atgtgtactt | gggcaaagtc | atgcaggaag | gtcatatcag | 900 |
| agctgtggag | gctggagtg | cctgattcct | ggaccacaga | tgtctccctg | agccattatt | 960 |
| tatttatttt | taaaaagcac | agttattcca | tcattttgag | tctttgtatt | tcgcttatat | 1020 |
| tggggggcag | gactattttc | tcaggtgtct | catttggcag | tcaacattgt | cccctatgtt | 1080 |
| ccctatgact | agttgaaaat | tcaagtgtgc | ccacaggggt | gcacaaaacc | acacccatgc | 1140 |
| acacacacac | cctcagcccc | cacacacacc | ccgttgaaac | cgtgggtcta | tcaggacatc | 1200 |
| ctaaaactcc | gtgattgaca | tttcagtaat | ttcaggggaa | gggtgtttcc | agggatgggg | 1260 |
| tctcccaggt | tcagatagtg | cctttggctg | caaagtctcc | tttagctaaa | cttttcctca | 1320 |
| ggaagaattc | attattctag | acattatgtg | atatactgt | taggaataaa | aggtgcttaa | 1380 |
| ccttcctccc | tgggatgtgg | gagaagggtg | tggaggttgt | actgtgaagt | cttcaggctc | 1440 |
| ttagaaggct | ccagcctgag | agagcccttt | attattgaca | ttcctgtcct | tcctcaaggc | 1500 |
| ctgggtgacct | gtgacctttc | gctctgggca | gggcccaggt | agatgggccg | tcacccgggc | 1560 |
| ctgtaagccg | tacttgattt | ctgcattgat | ttacatat | tttactgtga | tcttggttcc | 1620 |
| aaacacagaa | tcgtcacccc | attctccctt | gaatgtgccg | gatccttgta | aattctcatt | 1680 |
| tacctacttg | ttcttagtgt | gtatgtgtgt | gcgaaactct | atgttcaaga | aagaaatcat | 1740 |
| acaaagagta | agaacatgtt | tgtgccattg | aagaaatggt | tttttgattt | ctaataaata | 1800 |
| tttgttttgc | ctcgtta | | | | | 1817 |

<210> 11869
 <211> 1817
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| <400> 11869 | | | | | | |
| acaatccaca | gcagcccctg | ccctcccagc | tgacccaggg | agtaatcgcg | tgctctaagc | 60 |
| cacagtgggc | ggggctgggc | atgggcctct | ggagaagaga | agatttgagg | agaactgtcc | 120 |

| | | | | | | |
|------------|-------------|-------------|------------|------------|------------|------|
| tagaggcagc | aggagcagat | gtgttttcaga | atgggcagaa | ttaggaaatt | gagaaagatt | 180 |
| ttggctcaac | agaatccagc | aactgtctcca | gatgttggag | atgtttaagc | agaagctggt | 240 |
| tgcgcactta | atgaggaatg | ttgttgaaaa | tggtcattgg | aagaagtta | aggcccttt | 300 |
| tagcctggag | attgtacaaa | tcagcattcc | acatctggag | ttagctaccc | gcattaagcc | 360 |
| tgaacagaca | tcttggctctg | aaaggaagtg | gtttggattc | atgatgcca | gctccacact | 420 |
| atggagctgg | gaattccaga | attgctttga | ctcagatatt | aatggagaaa | gtcatatcca | 480 |
| ttaatggata | aagccgtatc | tgttatggat | aaagccgtat | ccagagttgc | tttgactcgg | 540 |
| atgttaattg | ataaagccaa | ttattgattt | ctatttgcct | aacctgccag | cttttgtcca | 600 |
| agtggggaat | ggagagccat | agggatgttt | gtcatctcac | atgttttggg | gatctgctgt | 660 |
| ctgtgggtct | ggatggaatt | tgttggcaag | accattttct | gtattggata | ttcttcccaa | 720 |
| cagtgtccac | cccaaaaggc | tttcagccaa | aacgtctgag | cctaggtagg | tttaccaagg | 780 |
| gaagccataa | gtcaagaagc | atcagagtga | aaaggagcac | ttccttcatt | ttacgcccag | 840 |
| aggctaattg | tccgagagga | atgtgttact | gggcaaagtc | atgcaggaag | gtcatatcag | 900 |
| agctgtggag | gctggagtg | ctgtattctt | ggaccacaga | tgtctccctg | agccattatt | 960 |
| tattttat | taaaaagcac | agttattcca | tcattttgag | tctttgtatt | tcgcttatat | 1020 |
| tggggggcag | gactattttc | tcagggtgtct | catttggcag | tcaacattgt | cccctatgtt | 1080 |
| ccctatgact | agttgaaaat | tcaagtgtgc | ccacaggggt | gcacaaaacc | acacccatgc | 1140 |
| acacacacac | cctcagcccc | cacacacacc | ccgttgaacc | cgtgggtcta | tcaggacatc | 1200 |
| ctaaaactcc | gtgattgaca | tttcagtaat | ttcaggggaa | ggtgtttttc | agggatgggg | 1260 |
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| ggaagaattc | attattctag | acattatgtg | atatatctgt | taggaataaa | aggtgtctaa | 1380 |
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| ttagaaggct | ccagcctgag | agagcccttt | attattgaca | ttcctgtcct | tcctcaaggc | 1500 |
| ctggtgacct | gtgacctttc | gctctgggca | gggccaggt | agatgggccc | tcacccgggc | 1560 |
| ctgtaagccg | tacttgattt | ctgcattgat | ttacatattt | tttactgtga | tccttggttc | 1620 |
| aaacacagaa | tcgtcacccc | attctccctt | gaatgtgccg | gatccttgta | aattctcatt | 1680 |
| tacctacttg | ttctttagtg | gtatgtgtgt | gcgaaactct | atgttcaaga | aagaatcat | 1740 |
| acaaagagta | agaacatggt | tgtgccattg | aagaaatggt | tttttgattt | ctaataaata | 1800 |
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<210> 11870
<211> 332
<212> DNA
<213> Homo sapiens
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| tgaaaacacc | cttcggaac | ccttcgggga | aaaggagacc | atccttggag | tgaacgtccc | 120 |
| ctgacacccc | aaggttcaaa | ctgtctcaag | ctgagagatg | tttttagtag | cagaattaac | 180 |
| acagggtttt | aacttgcatt | acggaaaaga | catttcagtt | gagaatgaaa | attactacaa | 240 |
| tgaagtttgt | gattttaaaa | gtggagacag | actgggggct | ttggggctgg | atgtaagtat | 300 |
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<211> 332
<212> DNA
<213> Homo sapiens
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| tggaaacacc | cttcggaac | ccttcgggga | aaaggagacc | atccttggag | tgaacgtccc | | 120 |
| ctgacacccc | aaggttcaaa | ctgtctcaag | ctgagagatg | tttttagtag | cagaattaac | | 180 |
| acagggtttt | aacttgcaat | acggaaaaga | catttcagtt | gagaatgaaa | attactacaa | | 240 |
| tgaagttttg | gattttaaaa | gtggagacag | actgggggct | ttggggctgg | atgtaagtat | | 300 |
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| <211> | 2227 |

<212> DNA
<213> Homo sapiens

<400> 11872

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| tccacctccc | gggttcaagt | gattctcctg | cctcagcctc | ctgagtagcc | gggattacag | 120 |
| gtgtgtgcc | ccacgcctgg | ctaatttttt | gtaatttagt | acagacaggg | gttccctatg | 180 |
| ttggccagga | tggtcttgat | ctcctgacct | catgatctgt | ccgcctcggc | ctcccaaagt | 240 |
| gctgggaata | caggcgtgag | ccaccgtgcc | ctgccagaat | agcctattaa | ccagtctacc | 300 |
| tgcttccact | tttctccac | cctgatcaca | tacacacatg | cattatccac | tgagcagtca | 360 |
| caatcagatg | ttaaaccaaa | cattattcag | ataagatctc | tgaaaagcct | ctgatacttt | 420 |
| ctcttttaaa | atggaatata | ttctaaacac | ctctccaagg | acacaagact | taccttgctc | 480 |
| aactaatgac | ttttctaact | tcattcccta | tcattctcca | tcttgcccca | tgctcctcat | 540 |
| gcagcagctt | tttttttttt | ttcctttttc | aaatatgttg | gttttgatct | tatccaagaa | 600 |
| cccttgccct | gatgtatgaa | tgactaactg | cttttctact | tcgggggtct | catatagaaa | 660 |
| tcctgcttca | gaatactctt | ccctgagcac | tctatctaaa | taaatccctc | ttctgcaacc | 720 |
| cagtgtcttt | tgttctatta | ctgacttctt | ttccttgtag | aagttactat | tactgtcttt | 780 |
| taccttttta | tttatttggt | tattgtcttt | gttggtgccc | tcactctatc | tccacaaaaa | 840 |
| tatatgtctc | ataaaaacag | gcatttctgt | gtcttattca | gcactttatc | agggcctata | 900 |
| acaatgcctg | ggacatatct | agtgaccagt | gaatatTTTT | ggaaggaaa | aaaagaagaa | 960 |
| agaatgaagt | aacaaacaaa | gaatgaagga | agaaaaaatt | tttacaacaa | ttcaacatat | 1020 |
| ttttattttg | aaataattgt | gtatttttcc | ctatatccta | cattggatca | gaatattact | 1080 |
| gacatgtata | gccatgacga | catggctcca | aaaaatgaga | aactttctta | gacagtaaaa | 1140 |
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| gacttagcca | ataatctgaa | actattatag | tatctgcctt | tcacagatac | atgcaatatt | 1260 |
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| gtctgtataa | gaaccaccag | aaagatgaag | atgagccgta | atagaaatat | caagaggcta | 1440 |
| caaagtctta | gcaaattata | attgctaatt | gtacattatg | tggtgtttag | tatcacattt | 1500 |
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| ttttggaatt | ttaaaaataa | acatgacatc | ttatcatgag | aaacatttac | agtttttgct | 1620 |
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| tctatcacta | caataatatt | ttgttttttag | tgttcatttt | tttctctctg | actacattga | 1740 |
| gatgagttag | attgagttaa | aggtaaacac | taacatttga | attgaggtaa | tttccactgt | 1800 |
| ggaaaacaaa | ctgttggttag | taaacaggca | tcagctttga | gacacagaaa | agtcattcaa | 1860 |
| accagaagat | tggaacttct | ctcaattact | ttgtcttcca | tttattgcat | tcaattagtc | 1920 |
| aaaaatgttg | tttaattatac | atttttaaaga | ctatttttgg | taaggtctat | gacacattca | 1980 |
| aaatactaca | tacaagtttg | tattatcata | aataatccaa | aagaaaacat | acatgtaacc | 2040 |
| accaccatct | ggaaatttca | cactaaatta | taaaacattt | ccatcactgc | atgtattggt | 2100 |
| taatgtcgct | ttatgaatcc | accttcttcc | ttatctgtag | agttaaaaac | tacttagtgg | 2160 |
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<212> DNA
<213> Homo sapiens

<400> 11873

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| tcttttgtgg | ccagaaagtc | aggacctcaa | agaggtataa | gtttgtgtgt | ataattccct | 120 |
| ggcttttttc | taaaatttta | gtatgcattt | atgtggcact | taatataata | aagagtttta | 180 |
| tgagttttta | aaatgtatat | aaacaagaca | tataataaat | ggtatgtcat | ttcacaattt | 240 |
| actattttta | ctcaacattt | atattttctg | gactttttcac | atttttgaa | gtattcatag | 300 |
| tttcacttta | attgatgttt | gccatgaaag | atcaaataata | tcacatttta | tttgactaaa | 360 |
| aagtaaacta | tatttcctac | attatgctat | agaacttata | gactaattta | agtttaattat | 420 |
| aggccttatc | tcagaccttt | gcaagtagcc | tgaataaaaac | ttttcattat | ttatattatc | 480 |
| acatgcatat | atgtgtgtat | gtatatatgt | gtgcatgtgc | atgcatagta | aaaatcttaa | 540 |
| cccaaaactg | aaataaaaaa | ttataagaga | aaatactatt | ttccaccaat | atcacaatgg | 600 |
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| | | | | | | |
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<211> 378

<212> DNA

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| caccagga | gacctccgct | ccctcagacg | cggggcgggc | cctgcgactt | cactctggga | 180 |
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| tgaagaaggg | gttgatcccc | ctcccaatgc | acaaatacat | acatttgaag | ctactgcaca | 180 |
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| agtcaaggca | aagtaaactc | tccggtcccc | aaagggtgtt | aactaggtcc | gctttcatgt | 960 |
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| gtgcagtcta | attgttgttt | cataaaagtt | ggatctgttc | ctatgcccag | gatgattttg | 1740 |
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| atctcttttt | tgtaaaactc | cataaactga | ttgcttaagt | ataatttata | gaatttcagt | 1920 |
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| 1. General Information | |
|--------------------------|-------------------------|
| Item | Value |
| 1.1. Name of the Project | Project A |
| 1.2. Date of Report | 2023-10-27 |
| 1.3. Author | John Doe |
| 1.4. Version | 1.0 |
| 1.5. Status | In Progress |
| 1.6. Location | New York, NY |
| 1.7. Contact Information | Phone: (212) 555-1234 |
| 1.8. Email | john.doe@company.com |
| 1.9. Website | http://www.projecta.com |
| 1.10. Social Media | Twitter: @ProjectA |
| 1.11. LinkedIn | Project A |
| 1.12. Facebook | Project A |
| 1.13. Instagram | Project A |
| 1.14. YouTube | Project A |
| 1.15. GitHub | Project A |
| 1.16. Docker | Project A |
| 1.17. Kubernetes | Project A |
| 1.18. Terraform | Project A |
| 1.19. Ansible | Project A |
| 1.20. Jenkins | Project A |
| 1.21. GitLab | Project A |
| 1.22. Bitbucket | Project A |
| 1.23. Jira | Project A |
| 1.24. Confluence | Project A |
| 1.25. Slack | Project A |
| 1.26. Microsoft Teams | Project A |
| 1.27. Zoom | Project A |
| 1.28. Webex | Project A |
| 1.29. Lync | Project A |
| 1.30. Skype | Project A |
| 1.31. WhatsApp | Project A |
| 1.32. Telegram | Project A |
| 1.33. Signal | Project A |
| 1.34. Messenger | Project A |
| 1.35. iMessage | Project A |
| 1.36. Email | Project A |
| 1.37. SMS | Project A |
| 1.38. Push Notifications | Project A |
| 1.39. In-App Messages | Project A |
| 1.40. Webinars | Project A |
| 1.41. Podcasts | Project A |
| 1.42. E-books | Project A |
| 1.43. Whitepapers | Project A |
| 1.44. Case Studies | Project A |
| 1.45. Press Releases | Project A |
| 1.46. Newsletters | Project A |
| 1.47. Blogs | Project A |
| 1.48. Forums | Project A |
| 1.49. Social Media | Project A |
| 1.50. Influencers | Project A |
| 1.51. Partners | Project A |
| 1.52. Suppliers | Project A |
| 1.53. Customers | Project A |
| 1.54. Competitors | Project A |
| 1.55. Analysts | Project A |
| 1.56. Regulators | Project A |
| 1.57. Government | Project A |
| 1.58. Academia | Project A |
| 1.59. Industry | Project A |
| 1.60. Community | Project A |
| 1.61. Network | Project A |
| 1.62. Ecosystem | Project A |
| 1.63. Market | Project A |
| 1.64. Segment | Project A |
| 1.65. Niche | Project A |
| 1.66. Sub-segment | Project A |
| 1.67. Micro-segment | Project A |
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<210> 11892

<211> 107

<212> DNA

<213> Homo sapiens

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107

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| gggtgtgggtg | tgtgtgcctg | agacaggcgt | gtctgtgtgt | ttctttatga | ggcctccatc | 51660 |
| gtcctatctg | cacaagagtg | tgtgtcactg | cctgccaggt | cattcttcca | ttctcgttct | 51720 |
| ctcaaaactt | acacatccat | gtcacgtttc | ggcaagcttc | tgctttttgc | tagctgttaa | 51780 |
| ggattaaagc | aactcaaattg | atttaggggt | agtcattgatt | gatattccatc | cagtgcattt | 51840 |
| tctgttttat | tgattaaagta | aggcgattta | tattaactaa | tagataggtt | cctcatccag | 51900 |
| cattgtccta | gtctagtact | tgttaactgtg | aactttgttt | gtttgtttgt | ttgtttgtta | 51960 |
| gnttttcttt | tttttttttc | ttttttcttt | ttttttttta | ttgatcattc | ttgggtgttt | 52020 |
| ctcgcaaagg | ggggatttgg | cagggtcaca | ggacaatagt | ggagggaagg | tcagcagata | 52080 |
| aacaagtga | cagaggtctc | tggttttctc | aggcagagga | ccctgcggcc | ttcctcagtg | 52140 |
| tttgtgtccc | tggttacttg | agattaggga | gtggtgatga | ctctcaacga | gcatgctgcc | 52200 |
| ttcaagcatt | tgtttaacaa | agcacatctt | gcaccgccct | taatccattt | aaccctgagt | 52260 |
| ggacacagca | catgtttcag | agagcacagg | gttgggggca | aggtcacaga | tcaacaggat | 52320 |
| cccaaggaag | agaatttttt | cttagtacag | cacaaaatga | aaagtctccc | atgtctacct | 52380 |
| ctttctacac | agacacggca | accatccgat | ttctcaatct | tttccccacc | tttccccctt | 52440 |
| ttctattcca | caaaactgcc | attgtcatca | tggtccgttc | tcaatgagct | gttgggcaca | 52500 |
| cctcccagac | gggtgtgtgg | ccgggcagag | gggtctctca | cttcccagta | ggggcgggcg | 52560 |
| ggcagaggcg | cccctcacct | cccggacggg | gcggctggcc | gggcgggggg | ctgaccccc | 52620 |
| ccacctccct | cccggacggg | gcggctggcc | gggcgggggg | ctgaccccc | cctccctccc | 52680 |
| agacgaggcg | gctggcctgg | cgggggctga | ccccccacct | ccctcccgga | cggngcggct | 52740 |
| gccggggcgga | gacactcttc | tcctcccaga | cgggggtgg | | | 52778 |

<210> 11902
 <211> 175
 <212> DNA
 <213> Homo sapiens

| | |
|-------------|--|
| <400> 11902 | |
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| agctcatgta | ctgaagcgctc atgaaagaaa ggctgtgggtc tgagcccttc tctcccatct 120 |
| cctgtctttg | tctgttcaag tgctggagcc agagctccta cagctgcctt tgggtg 175 |

<210> 11903
 <211> 117
 <212> DNA
 <213> Homo sapiens

| | |
|-------------|---|
| <400> 11903 | |
| gctaattttt | gtgttttttag tagagacagg gtttcacat gttggccaag ctggtctcca 60 |
| actcctgacc | tcaggtgatc caccacctg ggtctcccaa agtgctggga ttacagg 117 |

<210> 11904
 <211> 2403
 <212> DNA

<213> Homo sapiens

<400> 11904

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|------|
| tccattttgt | cggtagaggc | agaaggagaa | ggtcggattg | tagaagctgg | ggtggccggc | 60 |
| agctcgctca | tcggtgttcg | tgggctttgt | cggtcctgtc | ctcgtctctc | cctggaaagg | 120 |
| gagggaggct | tcaacgtcga | gagggagccg | ctgccgcgtt | agttccgagc | ttgaagtcac | 180 |
| taggacttct | ctcaaacttg | agtgtctgag | agactcagat | gttggcctca | gctcctaggc | 240 |
| tgaactcagc | agatcggccc | atgaaaactt | ctgtattgag | acaaaggaag | ggatctgtca | 300 |
| gaaagcaaca | cttgttatct | tgggcttggc | agcaaggaag | aggacaggta | gtggagatcc | 360 |
| tgcaatctga | aaagcagact | gaaagggtgac | aaagaagctg | aagatgggtg | gtagagagag | 420 |
| gtataacatt | ccagccccctc | aatctagaaa | tgtagtaag | aaccaacaac | agcttaacag | 480 |
| acagaagacc | aaggaacaga | attcccagat | gaagattgtt | cataagaaaa | aagaaagagg | 540 |
| acatggttat | aactcatcag | caggtgcctg | gcaggccatg | aaaaatgggg | ggaagaacaa | 600 |
| aaattttcca | aataatcaaa | gttggaaattc | tagcttatca | ggtcccagct | tactttttaa | 660 |
| atctcaagct | aaacagaact | atgctgggtgc | caaatttagt | gagccgccat | caccaagtgt | 720 |
| tcttcccaaa | ccaccaagcc | actgggtcct | gtttccttta | atccttcaga | taaggaaata | 780 |
| atgacatttc | aacttaaaac | cttacttaaa | gtacaggtat | aaaataagac | aaatgtttta | 840 |
| gttttagttat | gttcacagat | agttgtcaat | tggtctgaaa | caaatttgct | aggggaatcta | 900 |
| tttgtgtaga | actaattaat | gtaaaaaaa | tagacttcat | ctcgtgttgt | gtgcactgtg | 960 |
| atataatggg | agtatcagtg | caacttaaac | taatgattgt | aattgatatt | aagtgttctc | 1020 |
| aactgagtaa | cttttaagtg | gaaaccaagt | ttagatttgg | ggagtggtaa | aggaatcagc | 1080 |
| tttttctatt | gttaggggaa | gatagtaatt | tatcattcat | ggaccagtag | attgttgaaa | 1140 |
| gttgggtgaat | cggattataa | gcttctggct | aacacaagga | ttcagaatta | ggtaaacatc | 1200 |
| tgaagggttta | gtatattaga | aacacccaaa | ccagtaatat | gctaacctga | tgcactgctg | 1260 |
| aaagaaaatg | tgaatttttc | gtaataattg | catttttagtg | aattgtacag | tgggtggaaa | 1320 |
| gggcatttgg | agctcattag | aatgagacat | agtacacccc | aatggccctg | tttattaaat | 1380 |
| gtagtggatt | aagtgtctgt | caacaaatac | acaaaacca | ttttttatag | aaacagtatt | 1440 |
| taatggtcac | tcaatagctt | tcaaaaatac | tttttgtatt | acagcactgc | acaagctatt | 1500 |
| ctaatagtga | tctggcctcc | tcattcctgc | caagcttgct | ttggggagtt | ggataatgtg | 1560 |
| aaaattttta | gtacctaggg | gagaaagagc | catgtaaata | tctgtaataa | acttgtagca | 1620 |
| tatgtaaaat | tttcttggcc | tttatcttac | aaaaatggaa | tatttttagta | tgaatttgct | 1680 |
| gaatgtaaga | ccgtggactg | ttttttataa | tatggcctaa | ttttaagggt | ccaaaataac | 1740 |
| ttgtttttta | agtttgcctt | tgtgctaaag | tgccagtgtg | tgtatgttat | acttgatttg | 1800 |
| gttgtaaaact | atattttcaa | gtaaacccta | gtgtaataag | ttttataact | aaaaagggtt | 1860 |
| aagctgctaa | aactattttt | aagagatgtg | aaatgcagta | tgggactatc | tttttttctt | 1920 |
| cctctaagcc | caaagattaa | ctagagtccc | tccaacctta | tagatttttg | gctttcacaa | 1980 |
| tcttataacc | taggatacac | gtagtttcga | gtatgggtgcc | agtgatgttt | tgttttttgt | 2040 |
| tggtcaaggg | gtagggtgcaa | cccaatggac | cacttatgca | aaagatgtaa | actcttgcac | 2100 |
| aatacatcga | taacatgttt | tgccaacttt | aaatgcttaa | acataagcga | aaccagtagc | 2160 |
| aagtatgttg | gtcaggttaa | aaattttgat | tgtaatatgc | ctattttcta | atttggcacc | 2220 |
| tcttttgatg | cctaagcagg | taagcagatg | cctaagctgt | atttctccaa | ataaatcaag | 2280 |
| aggaagtact | gccaagtta | aatattgata | gcctaaagac | aaattcatgt | agtacttaac | 2340 |
| gtacatgata | tgaatttgaa | gcataaaaatt | aaatttttcc | ccattgaaaa | aaaaaaaaagt | 2400 |
| aaa | | | | | | 2403 |

<210> 11905

<211> 1889

<212> DNA

<213> Homo sapiens

<400> 11905

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ttgttcataa | gaaaaaagaa | agagaccatg | cttataactc | atcagcaggt | gcctggcagg | 60 |
| ccatgaaaaa | tgggggggag | aacaaaaatt | ttccaaataa | tcaaagttgg | aattctagct | 120 |
| tatcagggtc | cagcttactt | tttaaatctc | aagctaaaca | gaactatgct | ggtgccaaat | 180 |
| ttagttagcc | gccatcacca | agtgttcttc | ccaaaccacc | aagccactgg | gtccctgttt | 240 |
| cctttaatcc | ttcagataag | gaaataatga | catttcaact | taaaacctta | cttaaagtac | 300 |
| aggatataaa | gtttaagttt | agttatgttc | gttagtaact | acagatagtt | gtcaattggg | 360 |
| ctgaaacaaa | tttgctaggg | aatctatttg | tgtagaacta | attaatgtaa | aaaaaataga | 420 |
| cttcatctcg | tggtgtgtgc | actgtgatat | aatggtagta | tcagtgcac | ttaaactaat | 480 |
| gattgtaatt | gatattaagt | gttctcaact | gagtaacttt | taagtggaaa | ccaagtttag | 540 |

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|------|
| atttggggag | tggtaaagga | atcagccttt | tctattgtta | ggggaagata | gtaatttatc | 600 |
| attcatggac | cagtagattg | ttgaaagtgt | gtgaatcgga | ttataagctt | ctgggctaaca | 660 |
| caaggattca | gaattaggtg | aacatctgaa | ggtttagtat | attagaaaca | cccaaaccag | 720 |
| taatattgcta | acctgatgca | ctgctgaaag | aaaatgtgaa | tttttcgtaa | taattgcatt | 780 |
| ttagtgaatt | gtacagtggg | tggaaagggc | atttggagct | cattagaatg | agacatagta | 840 |
| caccccaatg | gccctgttta | ttaaatgtag | tggattaagt | gtctgtcaac | aaatacacca | 900 |
| aaaccatttt | ttatagaaac | agtatttaat | ggctactcaa | tagctttcaa | aatacatattt | 960 |
| tgtattacag | cactgcacaa | gctatttctaa | tagtgatctg | gcctcctcat | tcctgccaag | 1020 |
| cttgcttttg | ggagttaggat | aatgtgaaaa | ttttaagtac | ctaggggaga | aagagccatg | 1080 |
| taaatatctg | taataaactt | gtagcatatg | ttaaagttttc | ttggccttta | tcttacaaaa | 1140 |
| atggaatatt | ttagtatgaa | tttgctgaat | gtaagaccgt | ggactgtttt | ttataatatg | 1200 |
| gcctaatttt | aaagggtccaa | aataacttgt | ttttaaaagt | tgcccttggtg | ctaaagtgcc | 1260 |
| agtgtatgta | tgttatactt | gatttggttg | taaactatat | ttcaaagtaa | accctagtgt | 1320 |
| aataagtttt | ataactaaaa | agggtttaag | tgctaaaact | atttttaaga | gatgtgaaat | 1380 |
| gcagtatggg | actatctttt | tttcctcctc | taagcccaaa | gattaactag | agtccctcca | 1440 |
| accttataga | tttttggtct | tcacaatctt | ataacctagg | atacaggtag | tttcgagtat | 1500 |
| ggtgccagtg | atgttttggt | tttggttggt | caaggggtag | gtgcaacca | atggaccact | 1560 |
| tatgcaaaag | atgtaaaactc | ttgcataata | catcgataac | atgttttgcc | aactttaaat | 1620 |
| gcttaaacat | aagcgaaacc | agtagcaagt | atgtgggtca | gtttaaaaa | tttgattgtt | 1680 |
| aatgccctat | tttctaattt | ggcacctctt | ttgatgccta | agcaggtaag | cagatgccta | 1740 |
| agctgtattt | ctccaataaa | atcaagagga | agtactgcc | aagttaaata | ttgatagcct | 1800 |
| aaagacaaat | tcattgtagta | cttaatgtac | atgatatgaa | tttgaagcat | aaaattaaat | 1860 |
| ttttcccat | tgaaaaaaa | aaaagtaaa | | | | 1889 |

<210> 11906
 <211> 744
 <212> DNA
 <213> Homo sapiens

| | | |
|-------------|---|-----|
| <400> 11906 | | |
| tatttttagta | tgaatttgct gaatgtaaga ccgtggactg ttttttataa tatggcctaa 60 | |
| ttttaaaggt | ccaaaataac ttgtttttta agtttgccct tgtgctaaag tgccagtgtg 120 | |
| tgtatgttat | acttgatttg gttgtaaact atatttcaaa gttaaacccta gtgtaataag 180 | |
| ttttataact | aaaaagggtt aagctgctaa aactattttt aagagatgtg aaatgcagta 240 | |
| tgggactatc | tttttttccct cctctaagcc caaagattaa ctagagtccc tccaacctta 300 | |
| tagatttttg | gctttcacaa tcttataacc taggatacag gtagtttcga gtatgggtgcc 360 | |
| agtgatgttt | tgtttttggt tgggtcaagg gtaggtgcaa cccaatggac cacttatgca 420 | |
| aaagatgtaa | actcttgcat aatacatcga taacatgttt tgccaacttt aaatgcttaa 480 | |
| acataagcga | aaccagtagc aagtatgtgg gtcagtttaa aaattttgat tgttaatgcc 540 | |
| ctatttttcta | atttggcacc tcttttgatg cctaagcagg taagcagatg cctaagctgt 600 | |
| atttctccaa | ataaatcaag aggaagtact gcccaagtta aatattgata gcctaaagac 660 | |
| aaattcatgt | agtacttaat gtacatgata tgaatttgaa gcataaaatt aaatttttcc 720 | |
| ccattgaaaa | aaaaaaaaag taaa | 744 |

<210> 11907
 <211> 1628
 <212> DNA
 <213> Homo sapiens

| | |
|-------------|---|
| <400> 11907 | |
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| catgaagtag | tatcaaagtt taccacaagt ttgtattgag agaagaacaa acaatatatg 120 |
| ctaataatgaa | aaacagctct acttagaaag ctactgcttg ggttttctta ttaggcatag 180 |
| ttctccagac | tgagtttggt ttactcatct acatgatttt tccttgccct atggaacaga 240 |
| aattcaggcc | cactcgaatt cagttatttt agggctcttt aaaatccagt atttgtgatt 300 |
| taaatgatgc | ggagggactt tcattacctg tgtctttgct tatttctctc tggccctcag 360 |
| aacacccac | cctgaccttt aggggaaatt gacagaggca gaggggtttca cctgcctcaa 420 |
| ttgtcaccag | ccctgttaca ttcttccttc caagccttag cctcacaggg accttctcat 480 |
| tattgaacaa | ttgccttcaa agcagtagaa tagcccaatt gttatggaga ttaaagatac 540 |

| | | | | | | |
|------------|------------|------------|------------|-------------|------------|------|
| cgattgcaaa | actcctgtaa | ataaaatcct | cactgacaaa | cccagtttct | tttcataggc | 600 |
| ttttcttctg | taatctcttt | ctggcagaac | atctcatggt | ttgatgttag | agattcagtt | 660 |
| accaaccaca | gtaaataaag | caaaataata | atagaaaaat | agtatagaac | tcaccctaaa | 720 |
| aacaaacatt | ggccaaccat | gtttattttt | tgtctctctt | tgcactcctg | agaattgata | 780 |
| ggggaagaat | gtaccacctc | taattcaggt | gatttctgat | tagcaagcta | tggaaagtct | 840 |
| tcaggttgag | ttttagccag | ttcacgctcc | cctaaatggc | atggaataga | ctattttctg | 900 |
| ttttaagaaa | aaatagaaca | atggcactaa | atgcttgact | gaatgtttga | ctaaatgttg | 960 |
| actgaatcat | ggataggaaa | gattgggcag | aaaagacagc | cactgcctcc | agacacagga | 1020 |
| tgccacaatc | ctgggcacca | tcattattcc | atacaacctt | agggtcattt | ttagggttta | 1080 |
| gaactttctc | aatagggttt | caagattttg | aaaagtgtct | tccaattctg | atctccgtag | 1140 |
| atcctgttat | gggaattaac | ctttttggaa | ggggattctt | gttcttaaag | atgaaattcc | 1200 |
| ctactttctt | tcctggaggg | aatcagtatg | ggcagaggga | agaggagatg | gcgattctga | 1260 |
| cctgtgtgtc | tcatgtcacc | taacacctat | ggggtggcat | gaaacttgag | ctttaaaaca | 1320 |
| caccaggggc | caggcacagt | ggctcatgct | ggtaatccca | gcactttggg | agaccgaggt | 1380 |
| gggtggatca | cctgaggtca | ggagtctcag | accagcctgc | caacatggca | aaaccccgtc | 1440 |
| tctactaaaa | atacaaaaat | cagctgggtg | tgggtggcgg | cacctgtaat | cccagctact | 1500 |
| tgggaggctg | aggcaggaga | atcgcttgaa | cctgggaggg | agagggttgca | gtgagccgag | 1560 |
| atcaggccat | tgtactctag | cctgggtgac | aagagtgaaa | ctccatctga | aaaaaaaaaa | 1620 |
| aaaaaaaaa | | | | | | 1628 |

<210> 11908
 <211> 1628
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|------------|------------|------------|-------------|------------|------|
| <400> 11908 | | | | | | |
| aaatcgctg | aagatagtct | ttcaaatttg | gacattttaa | aaagaaactt | ttactgtagt | 60 |
| catgaagtag | tatcaaagtt | taccacaagt | ttgtattgag | agaagaacaa | acaatatatg | 120 |
| ctaatatgaa | aaacagctct | acttagaaa | ctactgcttg | ggttttctta | ttaggcatag | 180 |
| ttctccagac | tgagttgggt | ttactcatct | acatgatttt | tccttgccct | atggaacaga | 240 |
| aattcaggcc | cactcgaatt | cagttatttt | agggctcttt | aaaatccagt | atttgtgatt | 300 |
| taaatgatgc | ggagggactt | tcattacctg | tgtctttgct | tatttctctc | tggccctcag | 360 |
| aacaccccac | cctgaccttt | aggggaaatt | gacagaggca | gagggtttca | cctgcctcaa | 420 |
| ttgtcaccag | ccctgttaca | ttcttccttc | caagccttag | cctcacaggg | accttctcat | 480 |
| tattgaacaa | ttgccttcaa | agcagtagaa | tagcccaatt | gttatggaga | ttaaagatac | 540 |
| cgattgcaaa | actcctgtaa | ataaaatcct | cactgacaaa | cccagtttct | tttcataggc | 600 |
| ttttcttctg | taatctcttt | ctggcagaac | atctcatggt | ttgatgttag | agattcagtt | 660 |
| accaaccaca | gtaaataaag | caaaataata | atagaaaaat | agtatagaac | tcaccctaaa | 720 |
| aacaaacatt | ggccaaccat | gtttattttt | tgtctctctt | tgcactcctg | agaattgata | 780 |
| ggggaagaat | gtaccacctc | taattcaggt | gatttctgat | tagcaagcta | tggaaagtct | 840 |
| tcaggttgag | ttttagccag | ttcacgctcc | cctaaatggc | atggaataga | ctattttctg | 900 |
| ttttaagaaa | aaatagaaca | atggcactaa | atgcttgact | gaatgtttga | ctaaatgttg | 960 |
| actgaatcat | ggataggaaa | gattgggcag | aaaagacagc | cactgcctcc | agacacagga | 1020 |
| tgccacaatc | ctgggcacca | tcattattcc | atacaacctt | agggtcattt | ttagggttta | 1080 |
| gaactttctc | aatagggttt | caagattttg | aaaagtgtct | tccaattctg | atctccgtag | 1140 |
| atcctgttat | gggaattaac | ctttttggaa | ggggattctt | gttcttaaag | atgaaattcc | 1200 |
| ctactttctt | tcctggaggg | aatcagtatg | ggcagaggga | agaggagatg | gcgattctga | 1260 |
| cctgtgtgtc | tcatgtcacc | taacacctat | ggggtggcat | gaaacttgag | ctttaaaaca | 1320 |
| caccaggggc | caggcacagt | ggctcatgct | ggtaatccca | gcactttggg | agaccgaggt | 1380 |
| gggtggatca | cctgaggtca | ggagtctcag | accagcctgc | caacatggca | aaaccccgtc | 1440 |
| tctactaaaa | atacaaaaat | cagctgggtg | tgggtggcgg | cacctgtaat | cccagctact | 1500 |
| tgggaggctg | aggcaggaga | atcgcttgaa | cctgggaggg | agagggttgca | gtgagccgag | 1560 |
| atcaggccat | tgtactctag | cctgggtgac | aagagtgaaa | ctccatctga | aaaaaaaaaa | 1620 |
| aaaaaaaaa | | | | | | 1628 |

<210> 11909
 <211> 1628
 <212> DNA
 <213> Homo sapiens

<400> 11909

| | | | | | | |
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| aaatcgctg | aagatagtct | ttcaaatttg | gacattttaa | aaagaaactt | ttactgtagt | 60 |
| catgaagtag | tatcaaagtt | taccacaagt | ttgtattgag | agaagaacaa | acaatatatg | 120 |
| ctaatatgaa | aaacagctct | acttagaaaag | ctactgcttg | ggttttctta | ttaggcatag | 180 |
| ttctccagac | tgagttgggt | ttactcatct | acatgatttt | tccttgccct | atggaacaga | 240 |
| aattcaggcc | cactcgaatt | cagttatttt | agggctcttt | aaaatccagt | atttgtgatt | 300 |
| taaatgatgc | ggaggggactt | tcattacctg | tgtctttgct | tatttctctc | tggccctcag | 360 |
| aacacccac | cctgaccttt | aggggaaatt | gacagaggca | gaggggttca | cctgcctcaa | 420 |
| ttgtcaccag | ccctgttaca | ttcttccttc | caagccttag | cctcacaggg | accttctcat | 480 |
| tattgaacaa | ttgccttcaa | agcagtagaa | tagcccaatt | gttatggaga | ttaaagatac | 540 |
| cgattgcaaa | actcctgtaa | ataaaaatctt | caactgacaaa | cccagtttct | tttcataggc | 600 |
| ttttcttctg | taatctcttt | ctggcagaac | atctcatggt | ttgatgttag | agattcagtt | 660 |
| accaaccaca | gtaaataaag | caaaataata | atagaaaaat | agtatagaac | tcaccctaaa | 720 |
| aacaaacatt | ggccaacccat | gtttattttt | tgtctctctt | tgactcctg | agaattgata | 780 |
| ggggaagaat | gtaccacctc | taattcaggt | gatttctgat | tagcaagcta | tggaaagtct | 840 |
| tcaggttgag | ttttagccag | ttcacgctcc | cctaaatggc | atggaataga | ctattttctg | 900 |
| ttttaagaaa | aaatagaaca | atggcactaa | atgcttgact | gaatgtttga | ctaaatgttg | 960 |
| actgaatcat | ggataggaaa | gattgggcag | aaaagacagc | cactgcctcc | agacacagga | 1020 |
| tgccacaatc | ctgggcacca | tcattattcc | atacaacctt | agggtcattt | ttaggggtta | 1080 |
| gaactttctc | aatagggttt | caagattttg | aaaagtgtct | tccaattctg | atctccgtag | 1140 |
| atcctgttat | gggaattaac | ctttttggaa | ggggattcct | gttcttaaaag | atgaaattcc | 1200 |
| ctactttctt | tcttgagggg | aatcagtatg | ggcagaggga | agaggagatg | gcgattctga | 1260 |
| cctgtgtgtc | tcatgtcacc | taacacctat | ggggtggcat | gaaacttgag | ctttaaaaca | 1320 |
| caccaggggc | caggcacagt | ggctcatgct | ggtaatccca | gcactttggg | agaccgaggt | 1380 |
| gggtggatca | cctgaggtca | ggagttcgag | accagcctgc | caacatggca | aaaccccgtc | 1440 |
| tctactaaaa | atacaaaaat | cagctgggtg | tgggtggcggg | cacctgtaat | cccagctact | 1500 |
| tgggaggctg | aggcaggaga | atcgcttgaa | cctgggaggg | agaggttgca | gtgagccgag | 1560 |
| atcaggccat | tgtactctag | cctgggtgac | aagagtgaat | ctccatctga | aaaaaaaaaa | 1620 |
| aaaaaaaaa | | | | | | 1628 |

<210> 11910

<211> 1628

<212> DNA

<213> Homo sapiens

<400> 11910

| | | | | | | |
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| catgaagtag | tatcaaagtt | taccacaagt | ttgtattgag | agaagaacaa | acaatatatg | 120 |
| ctaatatgaa | aaacagctct | acttagaaaag | ctactgcttg | ggttttctta | ttaggcatag | 180 |
| ttctccagac | tgagttgggt | ttactcatct | acatgatttt | tccttgccct | atggaacaga | 240 |
| aattcaggcc | cactcgaatt | cagttatttt | agggctcttt | aaaatccagt | atttgtgatt | 300 |
| taaatgatgc | ggaggggactt | tcattacctg | tgtctttgct | tatttctctc | tggccctcag | 360 |
| aacacccac | cctgaccttt | aggggaaatt | gacagaggca | gaggggttca | cctgcctcaa | 420 |
| ttgtcaccag | ccctgttaca | ttcttccttc | caagccttag | cctcacaggg | accttctcat | 480 |
| tattgaacaa | ttgccttcaa | agcagtagaa | tagcccaatt | gttatggaga | ttaaagatac | 540 |
| cgattgcaaa | actcctgtaa | ataaaaatctt | caactgacaaa | cccagtttct | tttcataggc | 600 |
| ttttcttctg | taatctcttt | ctggcagaac | atctcatggt | ttgatgttag | agattcagtt | 660 |
| accaaccaca | gtaaataaag | caaaataata | atagaaaaat | agtatagaac | tcaccctaaa | 720 |
| aacaaacatt | ggccaacccat | gtttattttt | tgtctctctt | tgactcctg | agaattgata | 780 |
| ggggaagaat | gtaccacctc | taattcaggt | gatttctgat | tagcaagcta | tggaaagtct | 840 |
| tcaggttgag | ttttagccag | ttcacgctcc | cctaaatggc | atggaataga | ctattttctg | 900 |
| ttttaagaaa | aaatagaaca | atggcactaa | atgcttgact | gaatgtttga | ctaaatgttg | 960 |
| actgaatcat | ggataggaaa | gattgggcag | aaaagacagc | cactgcctcc | agacacagga | 1020 |
| tgccacaatc | ctgggcacca | tcattattcc | atacaacctt | agggtcattt | ttaggggtta | 1080 |
| gaactttctc | aatagggttt | caagattttg | aaaagtgtct | tccaattctg | atctccgtag | 1140 |
| atcctgttat | gggaattaac | ctttttggaa | ggggattcct | gttcttaaaag | atgaaattcc | 1200 |
| ctactttctt | tcttgagggg | aatcagtatg | ggcagaggga | agaggagatg | gcgattctga | 1260 |
| cctgtgtgtc | tcatgtcacc | taacacctat | ggggtggcat | gaaacttgag | ctttaaaaca | 1320 |
| caccaggggc | caggcacagt | ggctcatgct | ggtaatccca | gcactttggg | agaccgaggt | 1380 |

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|------|
| gggtggatca | cctgaggtca | ggagttcgag | accagcctgc | caacatggca | aaaccccgtc | 1440 |
| tctactaaaa | atacaaaaat | cagctgggtg | tgggtggcggg | cacctgtaat | cccagctact | 1500 |
| tgggaggctg | aggcaggaga | atcgcttgaa | cctgggaggc | agaggttgca | gtgagccgag | 1560 |
| atcaggccat | tgtactctag | cctgggtgac | aagagtgaaa | ctccatctga | aaaaaaaaaa | 1620 |
| aaaaaaaaa | | | | | | 1628 |

<210> 11911
 <211> 526
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|
| <400> 11911 | | | | | | |
| gtagccacac | agcagcctca | atgctttgct | gcttaagtat | ttcttccaca | aatatcctag | 60 |
| ttcatccctc | ttaagttctg | cattccatta | agtcctagga | cacagacaca | atttcaccca | 120 |
| gctctttgca | accttatatt | ttataaatat | ggcctttact | ccagtttcca | ataccttggt | 180 |
| cctcatttct | atctgcagcc | tcatacagaat | ggcctttacc | agcattctac | cagcactctg | 240 |
| gtcacataca | cttaagtaat | cacttaagta | atctctacga | agatttagac | ttcccctagt | 300 |
| tctaaggtct | tctttcagag | ccctcaccag | aattgcccct | aatggcagaa | ccgttcttgg | 360 |
| caatgcaggc | ttttttctag | cctgctcctc | caaacttggt | cagccttcac | ggttatacac | 420 |
| ttccaaagcc | acttacacac | tttcagggtat | ttgttgtagt | aacaacccca | catcttggtg | 480 |
| ccaactttct | gtcttagttc | ttttgttaaa | tgcctgagac | tgggta | | 526 |

<210> 11912
 <211> 414
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|------------|------------|-------------|------------|-------------|-----|
| <400> 11912 | | | | | | |
| agaacatctc | aagataaaaa | gggaggaaga | aataatgtga | ctagggattg | cacttcctgg | 60 |
| agttgcaggt | cacatgaggg | acacgaacat | ggtggtttga | ttaagtctcg | cgggattata | 120 |
| acactgttgt | ggccactctc | actccattag | tgcactctctc | cgcacatatc | agatagcaaa | 180 |
| ttatataatg | ataaagtatt | taaaatatct | gtaaaagtca | gcacaagctc | aagggtcga | 240 |
| cttggccttt | ctgcccacta | agtggtttat | ttagctctct | catctcaagg | ccgggttaatc | 300 |
| ttcatctata | ctttgttgta | aatcacccgc | tatgtggaac | agccataact | gcctgagttt | 360 |
| taagatgcgc | ttctgttggt | cgtccaacaa | ggctggtatc | ttaaagatga | atgc | 414 |

<210> 11913
 <211> 1644
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|------------|-------------|------------|-------------|------------|-----|
| <400> 11913 | | | | | | |
| gtagccacac | agcagcctca | atgctttgct | gcttaagtat | ttcttccaca | aatatcctag | 60 |
| ttcatccctc | ttaagttctg | cattccatta | agtcctagga | cacagacaca | atttcaccca | 120 |
| gctctttgca | accttatatt | ttataaatat | ggcctttact | ccagtttcca | ataccttggt | 180 |
| cctcatttct | atctgcagcc | tcatacagaat | ggcctttacc | agcattctac | cagcactctg | 240 |
| gtcacataca | cttaagtaat | cacttaagta | atctctacga | agatttagac | ttcccctagt | 300 |
| tctaaggtct | tctttcagag | ccctcaccag | aattgcccct | aatggcagaa | ccgttcttgg | 360 |
| caatgcaggc | ttttttctag | cctgctcctc | caaacttggt | cagccttcac | ggttatacac | 420 |
| ttccaaagcc | acttacacac | tttcagggtat | ttgttgtagt | aacaacccca | catcttggtg | 480 |
| ccaactttct | gtcttagttc | ttttgttaaa | tgcctgagac | tgggtaattt | ataaagaaaa | 540 |
| taaatttaat | tcacagctgg | gcacagtggc | tcatgcctgt | aatcccacca | ctttgggagg | 600 |
| ccaaggcagg | cagatcactt | gaggtcggga | gttcgagagc | aggctggcca | acatggtgaa | 660 |
| acccccatct | ctactaaaaa | tacaaaaaaa | aaaaattagc | tgggcatggg | ggcacacacc | 720 |
| tgagtcctag | ttacccggga | ggctgaggca | ggagaatcgc | ttgagccggg | gaggtggagg | 780 |
| ttgcagttag | ctgagatcat | gttactgcac | tccagcctgg | gtgacagagt | gagattctgt | 840 |
| ctcaaaaaaa | aaaaaaaaaa | aaaagaaaga | aagaaaacaa | aagaaattta | tttcatatgg | 900 |
| ttctggaggc | agggaagtcc | aagagcatgg | tgctggcatc | tgggtggggtc | cttgctgcat | 960 |

| | | | | | | |
|------------|------------|-------------|------------|-------------|------------|------|
| taacccaagg | cagaaagcaa | ggggcacaag | aaagcatgtg | caagagagct | tgcttttata | 1020 |
| acaaaggcac | ttcaccaata | acccactcac | atgattatgg | cattaatcca | tttatgaggg | 1080 |
| cagaatcctc | atgacccgtt | tgctccctgc | aaaggcctca | tcaacaccac | cacagtggga | 1140 |
| tctaagtttc | caacatgtga | acttttgagg | gacataatca | aaccacagca | caagtatatt | 1200 |
| agtttcctgt | ggctgtttta | acaaataaacc | acaaacttgg | tggcttaaaa | caacagaaat | 1260 |
| gtattctctc | ttagttcttg | aggccagaag | tccaaaatca | aagtgttggc | aagaccatac | 1320 |
| attctctgaa | gcctctaggg | gaggatactt | ccttatctct | tccagccact | ggtggcattc | 1380 |
| cttggtctgt | gactgtatca | gactgtatca | ttccaacttc | ttcttccttc | tttatatggc | 1440 |
| ctcctttgtg | tcattctctt | tgtctaagga | tacatgttac | tatatattaga | cccacccagg | 1500 |
| taattcatga | tgaactcaaa | atccttcact | taattatagc | ttcaaaggcc | cttttccaaa | 1560 |
| taaggtcaca | ttcacagttc | tgggggtgag | gaaatggttc | tggagccacc | gttcaaactg | 1620 |
| ctgtatcttt | gtacaaaaga | cagg | | | | 1644 |

<210> 11914
 <211> 414
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|-----|
| <400> 11914 | | | | | | |
| agaacatctc | aagataaaaa | gggaggaaga | aataatgtga | ctagggattg | cacttccttg | 60 |
| agttgcagg | cacatgaggg | acacgaacat | ggtgggttga | ttaagtctcg | cgggattata | 120 |
| acactgttgt | ggccactctc | actccattag | tgcatctctc | cgcacatata | agatagcaaa | 180 |
| ttatataatg | ataaagttat | taaaatatct | gtaaaagtca | gcacaagctc | aagggtctga | 240 |
| cttggtcttt | ctgcccacta | agtgggttat | ttagctctct | catctcaagg | ccggttaatc | 300 |
| ttcatctata | ctttgttgta | aatcacccgc | tatgtggaac | agccataact | gcctgagttt | 360 |
| taagatgcgc | ttctgttggg | cgtccaacaa | ggctgggtatc | ttaaagatga | atgc | 414 |

<210> 11915
 <211> 1644
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|------------|------|
| <400> 11915 | | | | | | |
| gtagccacac | agcagcctca | atgctttgct | gcttaagtat | ttcttccaca | aatatcctag | 60 |
| ttcatccctc | ttaagttctg | cattccatta | agtccttagga | cacagacaca | atttcaccca | 120 |
| gctcttttga | accttatatt | ttataaaatat | ggccttttact | ccagttttcca | ataccttggt | 180 |
| cctcattttc | atctgcagcc | tcattcagaat | ggccttttacc | agcattctac | cagcactctg | 240 |
| gtcacataca | cttaagtaat | cacttaagta | atctctacga | agatttagac | ttcccctagt | 300 |
| tctaaggtct | tcttttcagag | ccctcaccag | aattgcccct | aatggcagaa | ccgttcttgg | 360 |
| caatgcaggc | ttttttctag | cctgctcctc | caaacttggt | cagccttcac | ggttatacag | 420 |
| ttccaaagcc | acttacacac | tttcaggtat | ttgtttagt | aacaacccca | catcttggtg | 480 |
| ccaactttct | gtcttagttc | ttttgttaaa | tgcttgagac | tgggtaattt | ataaagaaaa | 540 |
| taaatttaat | tcacagctgg | gcacagtggc | tcattgctgt | aatcccacca | ctttgggagg | 600 |
| ccaaggcagg | cagatcactt | gaggtcgggg | gttcgagagc | aggctggcca | acatggtgaa | 660 |
| acccccatct | ctactaaaaa | tacaaaaaaa | aaaaattagc | tgggcatggt | ggcacacacc | 720 |
| tgagtcctag | ttacccggga | ggctgaggca | ggagaatcgc | ttgagccggg | gaggtggagg | 780 |
| ttgcagttag | ctgagatcat | gttactgcac | tccagcctgg | gtgacagagt | gagattctgt | 840 |
| ctcaaaaaaa | aaaaaaaaaa | aaaagaaaaga | aagaaaacaa | aagaaattta | tttcatatgg | 900 |
| ttctggaggc | agggaagtcc | aagagcatgg | tgctggcatc | tgggtggggtc | cttgctgcat | 960 |
| taacccaagg | cagaaagcaa | ggggcacaag | aaagcatgtg | caagagagct | tgcttttata | 1020 |
| acaaaggcac | ttcaccaata | acccactcac | atgattatgg | cattaatcca | tttatgaggg | 1080 |
| cagaatcctc | atgacccgtt | tgctccctgc | aaaggcctca | tcaacaccac | cacagtggga | 1140 |
| tctaagtttc | caacatgtga | acttttgagg | gacataatca | aaccacagca | caagtatatt | 1200 |
| agtttcctgt | ggctgtttta | acaaataaacc | acaaacttgg | tggcttaaaa | caacagaaat | 1260 |
| gtattctctc | ttagttcttg | aggccagaag | tccaaaatca | aagtgttggc | aagaccatac | 1320 |
| attctctgaa | gcctctaggg | gaggatactt | ccttatctct | tccagccact | ggtggcattc | 1380 |
| cttggtctgt | gactgtatca | gactgtatca | ttccaacttc | ttcttccttc | tttatatggc | 1440 |
| ctcctttgtg | tcattctctt | tgtctaagga | tacatgttac | tatatattaga | cccacccagg | 1500 |
| taattcatga | tgaactcaaa | atccttcact | taattatagc | ttcaaaggcc | cttttccaaa | 1560 |

taaggtcaca ttcacagttc tgggggtgag gaaatggttc tggagccacc gttcaaactg 1620
ctgtatcttt gtacaaaaga cagg 1644

<210> 11916
<211> 414
<212> DNA
<213> Homo sapiens

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acactgttgt ggccactctc actccattag tgcattctctc cgcacatata agatagcaaa 180
ttatataatg ataaagttat taaaatatct gtaaaagtca gcacaagctc aagggtcga 240
cttggccttt ctgcccacta agtggtttat ttagctctct catctcaagg ccggttaatc 300
ttcatctata ctttgttgta aatcacccgc tatgtggaac agccataact gcctgagttt 360
taagatgcgc ttctgttggg cgtccaacaa ggctggtatc ttaaagatga atgc 414

<210> 11917
<211> 1644
<212> DNA
<213> Homo sapiens

<400> 11917
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ttcatccctc ttaagttctg cattccatta agtcctagga cacagacaca atttcaccca 120
gctcttttga accttatatt ttataaatat ggcctttact ccagtttcca ataccttgtt 180
cctcatttct atctgcagcc tcatcagaat ggcctttacc agcattctac cagcactctg 240
gtcacatata ctttaagtaat cacttaagta atctctacga agatttagac tccccctagt 300
tctaaggtct tctttcagag ccttcaccag aattgccctt aatggcagaa ccgttcttgg 360
caatgcaggc ttttttctag cctgctcctc caaacttggt cagccttcac gggtatacag 420
ttccaaagcc acttacacac tttcaggtat ttgtttagat aacaacccca catcttggtgta 480
ccaactttct gtcttagttc ttttgttaaa tgctgagac tgggtaattt ataaagaaaa 540
taaattttaat tcacagctgg gcacagtggc tcatgcctgt aatcccacca ctttgggagg 600
ccaaggcagg cagatcactt gaggtcggga gttcgagagc aggttgcca acatggtgaa 660
acccccatct ctactaaaaa taaaaaaa aaaaattagc tgggcatggg ggcacacacc 720
tgagtcctag ttaccgggga ggctgaggca ggagaatcgc ttgagccggg gaggtggagg 780
ttgcagttag ctgagatcat gttactgcac tccagcctgg gtgacagagt gagattctgt 840
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cagaatcctc atgaccggtt tgctccctgc aaaggcctca tcaacaccac cacagtggga 1140
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agtttcctgt ggctgtttta acaaataacc acaaacttgg tggcttaaaa caacagaaat 1260
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taattcatga tgaactcaaa atccttcact taattatagc ttcaaaggcc cttttccaaa 1560
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ctgtatcttt gtacaaaaga cagg 1644

<210> 11918
<211> 5261
<212> DNA
<213> Homo sapiens

<400> 11918

| | | | | | | |
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| gcaaaatcgt | gtctccctgt | gacggtccat | ccaaggtgtc | ttacacctta | cagcgccaga | 120 |
| ctatcttcaa | catttccctt | atgaaactct | ataaccacag | gcccctgaca | gagcccagct | 180 |
| tgcaaaaagac | cgttttaatt | aacaacatgt | tgaggcggat | ccaggaggaa | ctcaaacagg | 240 |
| aaggcagcct | gaggcccatg | ttcaccctct | cctcccagcc | caccaccgag | cccagcgaca | 300 |
| gctaccgaga | ggccccgcg | gccttcagcc | acctggcgtc | cccgtcctcc | caccctcgcg | 360 |
| acctcggaag | cactacgccc | ctggaggcct | gcctcacccc | ggcctcactg | ctcgaggacg | 420 |
| acgatgacac | gttttgacc | tcccaggcca | tgcagcccac | ggctcccacc | aaactgtcac | 480 |
| ctccagccct | cttgccagaa | aaggacagtt | tctcctctgc | cttggacgag | atcgaggagc | 540 |
| tctgtcccac | atctacctcc | acagaggcgg | ccacggctgc | gactgacagt | gtgaaagggg | 600 |
| cctccagcga | ggctggcacc | cagaaactcg | acggctctca | agagagccgc | gcagatgact | 660 |
| caaaactgat | ggactctctg | cctgggaatt | ttgaaataac | gacgtccacg | gggttctctga | 720 |
| cagacttgac | cctggatgac | atcctgtttg | ctgacattga | tacgtccatg | tatgattttg | 780 |
| acccctgcac | ttcctcatca | gggacagcct | caaaaatggc | ccctgtgtct | gccgacgacc | 840 |
| tcctcaaaac | tctggctcct | tacagcagtc | agcctgtcac | cccaagtcag | cctttcaaaa | 900 |
| tggacctcac | agagctggac | cacatcatgg | aggtgcttgt | tgggtcctaa | gacccaggga | 960 |
| cccagcgact | atgcccaccc | agaccccaga | gcgttcccat | aaccctgaca | gttctccaca | 1020 |
| ctgtgcatgc | acccttgctt | gcctttttca | gagaaaaaga | aaattttaca | acaggatcac | 1080 |
| actagttttt | gctttgagca | gagttggagt | gccttcatcc | aagtatgacc | acttttaata | 1140 |
| cacttttttg | agtggttcct | cagagacctt | ctaccctggg | ataggaaaga | atccatttga | 1200 |
| agacaatgtt | gcaatgttga | atgacaaaaa | taaacagttc | aagtgaagca | caaggattaa | 1260 |
| gttgaaaaag | ctgtaaatgt | catgtgcata | tttgtctatt | ttttctataa | gtttttatgc | 1320 |
| aagaggtaaa | gaagaaaact | atatatatat | atcttattta | gataatctca | gtaccttttc | 1380 |
| tggcattttt | gccctgtata | ggttgacttg | gcaattcggc | cttttttagag | gcattaacta | 1440 |
| ctcctcgtaa | gtgttgcat | tacatggctg | tttagaaaac | tgctgcccac | atttatttta | 1500 |
| tatttttgta | cagattctgc | agtttatgat | attgtttttc | taaaaacaaa | tgctgtttat | 1560 |
| acatatgaga | tagctatttt | gataggattt | gctcacatag | ttcctgcaaa | cttcagatgt | 1620 |
| acaagttgca | cttgtacttt | tatagagttg | taatgtttta | tatgtgtatg | gtgcaagaga | 1680 |
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<212> DNA

<213> Homo sapiens

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| gcatgcaccg | ccacatcgag | ctggcctggg | ccttctccac | cgatcatggc | acgctgtctc | 240 |
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| gggtgagttg | ttaccgttga | actcacagcc | cacaggacta | gaacacatgc | ctaaataaag | 2040 |
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| gagaaaatga | gcagatgttc | ctctaagaca | tcgattacag | aagccttata | tacatggatt | 2400 |
| tgatttttga | tttgtagctg | aaagtcactg | ttgtctaaaa | ctaacttttc | taagttatca | 2460 |
| aaacaaccta | atttcttttc | caacaaggag | aacttaatgg | catgaaggat | tgtgtgacac | 2520 |
| attggaaaag | ccagcttact | gccactctct | tcctttggcc | attagaggga | ggtgttgccct | 2580 |
| ttcattgacg | cttagaagca | aattgtttcac | ttgttaagaa | aagtaaatec | ttaaaaaaag | 2640 |
| aaaaggaaaa | aatttaacca | attttttctta | atacccgaga | ggaattatac | tcaatatttc | 2700 |
| cctagttaag | aaaagaggag | ataatgttcg | tctaaaaaac | tccaacgttg | taattacaac | 2760 |
| tctacattca | tttactttact | tgacatactg | ccacaaaagta | gtttttgagt | tcattaaaaa | 2820 |
| ttccaaaggc | attagttggt | tttttttttt | ttagtgtttt | gttttttagt | taacttttat | 2880 |
| agacatttta | gtaacttgct | aaagattcag | gggattctat | gaaaccccgga | atttagaaac | 2940 |
| atctgggtcta | cctcagttaa | atgttgactg | cttagaaata | tagctgaagt | gatcaccaca | 3000 |
| gccataaaat | tgtttaagaa | agattttatat | aatgtttaca | aatctggaat | caaggatttt | 3060 |
| agctgaaatc | ctttaagaga | tattagagca | agtattttaat | tcagggtattt | tcaagtttta | 3120 |
| aaacttaacc | tgttttaccta | ctaaaaataa | aatagctagt | ttttttctgc | atataaaaagt | 3180 |
| tcattgaaat | gatatgccct | tatttgcaat | acttttccca | taaagtttta | agtgtgaaag | 3240 |
| aattgtaatt | tactagatat | gtttgggtatg | ggatattttg | ttaggcaagt | tttctttttt | 3300 |
| cttcttaaat | tgcaataggc | ttccaaaaag | agtataattg | tttcagaaca | aattaactct | 3360 |
| tggcattata | cgtctccctt | tttcttttaca | gtattagtaa | aaagaaaaat | tgtacacttt | 3420 |
| ctgattttta | cttcaactaat | gtaattactc | tctcaagaag | cttttaaaat | ttaaattacc | 3480 |
| atcacacaac | ctttttttata | gtaaagccaa | catttggtct | ctcaccaaac | cccatgccaa | 3540 |
| attcatcatg | aagaaagctc | agcataagta | attcaaatac | tgcttataat | tttagagggg | 3600 |
| ggtagaattt | agtaaatatt | ccagccggtc | gttttatgca | caaggcttca | gtcagaacat | 3660 |
| agaaaaaaaa | aacattctgt | gaatgaaata | ttgtatgttc | agattttata | aaagacattt | 3720 |
| ttaaaagccc | aattttacagc | cgtatatattt | cttatgatgt | aatttatgaa | aaagatgtct | 3780 |
| gtactaacag | gtgctgtaac | actactgttg | ttggatttta | ttgtttggtg | ataaatgtat | 3840 |
| acaatttttc | taagggaac | tatgtactgt | gatgtaaaag | tctgggcaaa | atgtatatata | 3900 |
| tctgttatat | aattatgtat | ttgattataa | ttactgattg | taaagattta | ataaaatatg | 3960 |
| taaatattcc | agttt | | | | | 3975 |

<210> 11926
 <211> 304
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
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| <400> 11926 | | | | | | |
| gcacccatgg | attcaaccaa | ctgtgggatag | gaaatattca | agaagaaaaa | agcatctgta | 60 |
| ttgaacatac | agagattttt | tttcttgctca | ttattctcca | aacaatacag | tataccaatg | 120 |
| atttgcataa | cattttacgtt | gtattaggtta | ttataaagta | atcaagagat | gattttaagt | 180 |
| acatggggagg | atgtgtgtca | gttatatgca | aatactgtgt | cattttacat | aagggaacttg | 240 |
| agcatccaaa | atccttatct | ctcttttcata | acgtgtcaca | gttgagtttt | ctattttattt | 300 |
| tccg | | | | | | 304 |

<210> 11927
 <211> 2217
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|-------------|------------|------------|------------|------------|-----|
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| gcggccgcag | tgaggagact | cggccatgct | acgcgcgctg | agccgcctgg | gcgcggggac | 60 |
| cccgtgcagg | ccccggggcc | ctctggtgct | gccagcgcgc | ggccgcaaga | cccgccacga | 120 |
| cccgtgggcc | aaatccaaga | tcgagcgagt | gaacatgccg | cccgcggttg | accctgcgga | 180 |
| gttcttcctg | ctgatggaac | gttaccagca | ctaccgccag | accgtgcgcg | ccctcaggtg | 240 |
| tgcgggccggg | gggaggtggc | cgccccgcgc | cgctggtgac | ggtgggagtg | ggcgagagg | 300 |
| gtgctgattc | ctggcgcgctc | tgcaccagg | atggagttcg | tgtccgaggt | gcagaggaag | 360 |

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|------|
| gtgcacgagg | cccgagccgg | ggttctggcg | gagcgcaagg | ccctgaagga | cgccgccgag | 420 |
| caccgcgagc | tgatggcctg | gaaccaggcg | gagaaccggc | ggctgcacga | gctgcggtgc | 480 |
| gtggggcggg | aggcgggcg | ggcgggcgcg | gcctggccgg | cctgggagaa | gcccggggccc | 540 |
| cgctcagcct | cggccctttg | accctcacag | gatagcgagg | ctgcggcagg | aggagcggga | 600 |
| gcaggagcag | cggcaggcgt | tggagcaggc | ccgcaaggcc | gaagagggtg | aggcctgggc | 660 |
| gcagcgcaag | gagcgggaag | tgctgcagct | gcagggtggc | aacgtctccg | gaggggtggga | 720 |
| ctccagccgg | ggacgcggct | tcgggggcac | tgggaattct | gggcaccgcg | acgcggggcgc | 780 |
| tggctatgtg | cagagactta | cagttggcag | gtccggattt | ggagaggaga | gtgccagtca | 840 |
| ggcgcaaaaga | cccgagggtg | agcggagtaa | ttggacagtg | ttcaggtagc | tagcagggtct | 900 |
| gtgggaggga | ccctgcgttc | cacaaagagg | ttgtattttg | cataacaggt | gatgaagcca | 960 |
| tgaagggtta | agtatttcag | gctaggatta | gcagggtgtg | gacttaaaag | cagggagacc | 1020 |
| acttaggagt | aatgcagtg | gaatggatga | ggcttgattt | aaagtataga | aggggtggctg | 1080 |
| ggagcggtgg | ttcacgcctg | taatcccagt | actatgggag | gccgaagcgg | gcgtatcact | 1140 |
| tgaggtcggg | agttcgagtc | cagcctggcc | aagccccgtc | tctcctaaaa | atacaaaaat | 1200 |
| tagccggggc | tggtgtgcgc | cagtaatcgc | agctactcgg | gaggctgagg | catgagaatc | 1260 |
| gcttgaaccc | aggaggcaga | ggttgcagtg | agccgagatg | gcgccactgc | actccatcct | 1320 |
| gggcgacagt | gagactccgt | ctcaaaataa | ataaataaat | aaataaataa | agtaatgggg | 1380 |
| ggaaggatga | gttagagtga | ttcagagggg | accactgagg | gacggatttc | acctaccagg | 1440 |
| acgtgagatt | ttcatagctg | gcactcgggg | ctatggctga | agtgtctgag | aaaagaggaa | 1500 |
| cgtggaaaag | caacctgata | tcactccact | gggaggccag | aggggctctc | aaataggacc | 1560 |
| tgggttccag | gcatgcttcc | ccagggagag | caggagctgc | tttctcagtg | gggtgagagg | 1620 |
| ccagcaggct | gggtgggctg | gctggcatgt | gcccaaggct | cctgttcagc | tgggcttttc | 1680 |
| tctcccgata | ggaagaggtg | aaaaacttca | tcacccgaga | gaacctggag | gcacgggttg | 1740 |
| aagcagcatt | ggactcccgg | aagaactaca | actgggccat | caccagagag | gggctgggtg | 1800 |
| tcaggccaca | acgcaggggc | tcctaggggc | ccagtaagga | cagtgcgccg | cagggaccat | 1860 |
| gtatgtatca | tggcggaaga | gttggccctg | acctggaata | aagcagttgg | tggtgcttat | 1920 |
| gaggaagggt | cagccttatc | cagcacagcc | ttcacgtttt | gccctctgct | gtcaccactt | 1980 |
| ggtcagaaac | ttccaaacgc | agtgccctgt | tctgccggtg | tgtacagcct | cagcgcacca | 2040 |
| ggagacccta | gagtggtttc | catctcacag | agaatcacag | agggccacag | ccccctcagg | 2100 |
| cagccaggtc | atctgagtat | cattaagagt | agtgatggga | agattacagt | ctgagggcca | 2160 |
| aacgtgcctg | cttctgtttt | ttgtaaataa | agttttgttg | gaacacagcc | acacca | 2217 |

<210> 11928
 <211> 2216
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|------------|------------|------------|------------|-------------|------|
| <400> 11928 | | | | | | |
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| cccgtgcagg | ccccggggcc | ctctggtgct | gccagcgcg | ggccgcaaga | cccgccacga | 120 |
| cccgtgggcc | aaatccaaga | tcgagcgagt | gaacatgccg | cccgcggtgg | accctgcgga | 180 |
| gttcttctgt | ctgatggagc | gttaccagca | ctaccgccag | accgtgcgcg | ccctcaggtg | 240 |
| tgcgggccggg | gggaggtggc | cgcccgcgcg | cgctggtgac | gggtgggagt | ggcgagagag | 300 |
| gtgctgattc | ctggcgcgtc | tgcacccagg | atggagtctg | tgtccgaggt | gcagaggaag | 360 |
| gtgcacgagg | cccgagccgg | ggttctggcg | gagcgcaagg | ccctgaagga | cgccgccgag | 420 |
| caccgcgagc | tgatggcctg | gaaccaggcg | gagaaccggc | ggctgcacga | gctgcggtgc | 480 |
| gtggggcggg | aggcgggggc | gggcggcgcg | gcctggccgg | cctgggagaa | gcccggggccc | 540 |
| cgctcagcct | cggccctttg | accctcacag | gatagcgagg | ctgcggcagg | aggagcggga | 600 |
| gcaggagcag | cggcaggcgt | tggagcaggc | ccgcaaggcc | gaagagggtg | aggcctgggc | 660 |
| gcagcgcaag | gagcgggaag | tgctgcagct | gcagggtggc | aacgtctccg | gaggggtggga | 720 |
| ctccagcggg | gacgcggctt | gcggggcact | gggaattctg | ggcaccgcga | cgcgggcgct | 780 |
| ggctatgtgc | agagacttac | agttggcagg | tccggatttg | gagaggagag | tgccagtcag | 840 |
| gcgcaaagac | ccggaggtga | gcggagtaat | tggacagtgt | tcaggtagct | agcagggtctg | 900 |
| tgggagggac | cctgcgttcc | acaaagagg | tgtattttgc | ataacagggt | atgaagccat | 960 |
| gaagggttaa | gtatttcagg | ctaggattag | caggtgtgcg | acttaaaagc | agggagacca | 1020 |
| cttaggagta | atgcagtgag | aatggatgag | gcttgattta | aagtatagaa | gggtgggtgg | 1080 |
| cagcggtggg | tcacgcctgt | aatcccagta | ctatgggagg | ccgaagcggg | cgtatcactt | 1140 |
| gaggtcggga | gttcgagtc | agcctggcca | agccccgtct | ctcctaaaaa | tacaaaaatt | 1200 |
| agccggcggt | gggtgtgcgc | agtaatcgca | gctactcggg | aggctgaggc | atgagaatcg | 1260 |
| cttgaaccca | ggaggcagag | gttgcagtg | gccgagatgg | cgccactgca | ctccatcctg | 1320 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| ggcgacagtg | agactccgtc | tcaaaataaa | taaataaata | aataaataaa | gtaatggggg | 1380 |
| gaaggatgag | ttagagtgat | tcagagggga | ccactgaggg | acggatttca | cctaccagga | 1440 |
| cgtgagattt | tcatagctgg | cactcggggc | tatggctgaa | gtgtctgaga | aaagaggaac | 1500 |
| gtggaaaagc | aacctgatat | cactccactg | ggaggccaga | ggggctctca | aataggacct | 1560 |
| gggttccagg | catgcttccc | cagggagagc | aggagctgct | ttctcagtgg | ggtgagaggc | 1620 |
| cagcaggctg | ggtgggctgg | ctggcatgtg | cccaaggctc | ctgttcagct | gggcttttct | 1680 |
| ctcccgatag | gaagaggtga | aaaacttcat | cacccgagag | aacctggagg | cacgggtgga | 1740 |
| agcagcattg | gactcccgga | agaactacaa | ctgggccatc | accagagagg | ggctggtggt | 1800 |
| caggccacaa | cgcagggact | cctagggggc | cagtaaggac | agtggccgcc | agggaccatg | 1860 |
| tatgtatcat | ggcggaagag | ttggccctga | cctggaataa | agcagttggt | gttgcttatg | 1920 |
| aggaaggttc | agccttatcc | agcacagcct | tcacgttttg | ccctctgctg | tcaccacttg | 1980 |
| gtcagaaact | tccaaacgca | gtgccctgtt | ctgccggtgt | gtacagcctc | agcgcaccag | 2040 |
| gagaccctag | agtgggtttc | atctcacaga | gaatcagaca | gggccacagc | cccctcaggc | 2100 |
| agccagggtc | tctgagtatc | attaagagta | gtgatgggaa | gattacagtc | tgagggccaa | 2160 |
| acgtgcctgc | ttcctgtttt | tgtaaataaa | gttttggttg | aacacagcca | caccca | 2216 |

<210> 11929
 <211> 1334
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
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| <400> 11929 | | | | | | |
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| ccctcagagg | ctcagcactg | gtcccatggc | tggtaccctg | gaggaaagcg | agccctcagc | 120 |
| tcagcccagg | atccccagaa | tgcccttagg | cccccagggtg | ggtgtctccc | agcctcatgg | 180 |
| ggaggaagaa | agtgatggcc | gggggctccc | ccaccctcct | ggagcctgag | gtcggggtag | 240 |
| ggaggacagc | atcagttccc | ttctaaggaa | ggggccctgga | cactgcagca | ggcagcccag | 300 |
| tccagactgc | ccatggcctc | ccaagtgatg | ccctggctcc | cctggacgac | agcatgccct | 360 |
| gggagggcag | gaccacggcc | cagtgggtccc | ttcacaggaa | gcgacacctg | gcacggacac | 420 |
| tgctggtgag | taggggtgaga | ggtccccagg | atcaagacca | gccactggtc | atcagaggcc | 480 |
| attgtggctt | agggttgggt | gctgggaggg | tggggagaat | gaaacaccac | tgagatgcc | 540 |
| cctgccacag | cacccccagc | catttctcag | tgccctact | gcacacagca | gggtgctgtc | 600 |
| tgctatcctt | cctatttccc | aggaggattc | tagacaattt | acaaagcact | tgggttaaag | 660 |
| accaaagtca | ctagtagact | agaaggagat | aattgttcta | taagacagtg | gtggccatgg | 720 |
| gatcccacag | gcaccttgac | aagccaatga | ctgtcttgag | gtggacagac | cccaggccag | 780 |
| tggaaagagg | tgagggatgc | aacctcactc | aaacagacaa | cagggccaag | aggaccaggt | 840 |
| ggtgactgac | atgtgcacta | ggaacatctc | agggactgca | gagctcccca | agaccatagc | 900 |
| agaagacagg | cgtggggaaa | tggtttgcta | ctgttttgca | aatcaaacad | ttacagtgc | 960 |
| tcaggagagc | ccggttaacta | aagaagaaaag | tggttagttc | ctatgaggca | atgtcttacc | 1020 |
| gcctgatttg | tgtgtatgtg | ctgaggtttc | tatgcgtcag | gcttggttag | ggtggacaag | 1080 |
| agggcatgcc | caagggagct | ggagatcccc | acactagctg | gatcctcagg | cttctacggg | 1140 |
| aggcgggggg | cgctctgctg | tgggaggcca | catggggact | gggggggacg | agagggggaga | 1200 |
| gaaccaggaa | gatggcagct | cggcggttac | gagaccagtg | tcctgagaca | tgaccgccac | 1260 |
| ctctccctcc | gcagaccgca | gcccagagagc | cccgcctcgc | cccgcctcgc | tccaataaag | 1320 |
| tgtgaggttc | tccg | | | | | 1334 |

<210> 11930
 <211> 225
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
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| <400> 11930 | | | | | | |
| tttttttttc | tttttttttt | ttttgagaca | gagttctact | atgttgccca | ggctggagtg | 60 |
| cagtggcacg | atcttgetca | ctgcaagctc | tgccctcccg | gttcacgcca | ttctcctgcc | 120 |
| tcagcctccc | aagtagctgg | gactacaggc | gtctgccaac | acgcctggct | aattttttat | 180 |
| atttttagta | gagacgtagt | ttcactgtgt | tagtcaggat | ggtct | | 225 |

<210> 11931

<211> 1333
<212> DNA
<213> Homo sapiens

<400> 11931
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ccctcagagg ctccagcactg gtcccatggc tggtagcctg gaggaaagcg agccctcagc 120
tcagcccagg atccccagaa tgcccttagg ccccaggtg ggtgtctccc agcctcatgg 180
ggaggaagaa agtgatggcc gggggctccc ccacccctcct ggagcctgag gtcggggtag 240
ggaggacagc atcagttccc ttctaaggaa gggccctgga cactgcagca ggcagcccag 300
tccagactgc ccatggcctc ccaagtgatg cctgggtccc cctggacgac agcatgccct 360
gggagggcag gaccacggcc cagtgggtccc ttcacaggaa gcgacacctg gcacggacac 420
tgctggtgag taggggtgaga ggtccccagc atcaagacca gccactggtc atcagaggcc 480
attgtggctt aggggtgggt gctgggaggg tggggagaat gaaacaccac tgagatgccc 540
cctgccacag cccccccagc catttctcag tgcccctact gcacacagca ggggtgctgtc 600
tgctatcctt cctatttccc agggaggattc tagacaattt acaaagcact tgggttaaag 660
accaaagtca ctagtagact agaaggagat aattgttcta taagacagtg gtggccatgg 720
gatcccacag gcacccctgac aagccaatga ctgtccttag gtggacagac cccaggccag 780
tggaagaggg tgaggggatgc aacctcactc aacagacaac agggccaaga ggaccagggtg 840
gtgactgaca tgtgcactag gaacatctca gggactgcag agctcccaa gaccatagca 900
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aaccaggaag atggcagctc ggcggttacg agaccagtgt cctgagacat gaccgccacc 1260
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gtgaggttct ccg 1333

<210> 11932
<211> 291
<212> DNA
<213> Homo sapiens

<400> 11932
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tgctcactgc aagctctgcc tcccgggttc acgccattct cctgcctcag cctcccaagt 120
agctgggact acaggcgtct gccaacacgc ctggctaatt ttttatattt ttagtagaga 180
cgtagtttca ctgtgttagt caggatggtc tcgatctcct gacctcgtga tccgccccgc 240
tcggcctccc aaagtgtcag gattacaggc gtgagccacc gcgccccggc g 291

<210> 11933
<211> 4822
<212> DNA
<213> Homo sapiens

<400> 11933
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atggagccga gcccaactac cacagcctgc cttccgctcg cactgatgag caggccctgc 120
tctcttccat ccttgccaag acagccaggt aagtgtcaga ggaccaggcc tgggtcagag 180
ctcctctatc catattaaag gctaggatag aaggagccag gctcaggaca tgggggatgg 240
gacaagggtca ctggggagag gtgcctccat gtccagccct gctccagtag gcaggaggga 300
aactggtgtc agatagccct ggagttggta cctggcactg agtccgttt gtccttctcg 360
gaagcacctg tcatgtcatc tctgtctcct ctccccatag caacatcatt gatgtgtctg 420
ctgcagactc acagggcagc gagcagcatg agtacatgga ccgtgccagg cagtacaggt 480
gagcacctgg ccagcgtagg tccctcaggg tacttgggct cccaccctcc atcactgttc 540
cagcttttga gcctggcccc tagtccaagc ttctcatttg gtgcagccct ggagactgac 600
cacagatcac ttgggtgtct cagtagttat tcatgtcagc cctgtttacc ctgtgacact 660
cttgagggca ctgaggccaa gggagatggg cctagattga gtctgtgatg agctgagacc 720

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|------|
| ttccctccca | gatacccctc | ctcgacaccc | tgcttctctg | gcctgagggg | atgaggetta | 780 |
| cctgggctgg | gcagggcaga | ctgtagctta | actgcctacc | cccacccctt | ctctcttggg | 840 |
| cagcaccgcg | ttggctgtgc | tgagcagcag | cctgacccat | tggaagaagc | tgccaccgct | 900 |
| gccgtctctt | accagccagc | cccaccaagt | gctggccagt | gagcccatcc | cgttctctga | 960 |
| tttgagcag | gtgagacacc | cctcacctgc | ccctgcccac | ccttctcaca | ctgcccaggg | 1020 |
| tatggcagag | ggttcaccca | ctctgcctca | gaggaggtag | ggaaggtgga | gttagggagc | 1080 |
| ctggtagcct | tgtaggcccc | agctccctcc | cacctcgctc | tcttaacttt | ttatgtcttt | 1140 |
| cctatctcct | tcttgcaacc | tttattgttt | cactcccttt | tgttcttttc | cttctgtctc | 1200 |
| tcccatccct | gtctttctct | ttgccttcct | gttccctctc | attccctcct | tctccatcac | 1260 |
| catctaattc | ccccccccca | tttttccctg | ttgccttcct | cacctgtctc | tgttccctctc | 1320 |
| ctccccgggc | cctctctgtc | tcaggtctcc | aggatagctg | cttatgccta | cagtgcactt | 1380 |
| tctcagatcc | gtgtggagcg | aaaagaggag | ctgggtgtac | agtttgggat | cccatgaaga | 1440 |
| gaggggtcct | tggacagctc | ttctcctctc | ttcatcccat | ctctacccca | cccccttggc | 1500 |
| ccccagcctc | actgcggtt | atacagttac | ctaacctgct | actaatcaca | gagaaaaatg | 1560 |
| tgaagaagga | ggagaagagg | aaggctagaa | gcctgagcaa | gtgagggtag | aaccttttgg | 1620 |
| gactggcctt | tgaagctctg | gccagggatg | gggtgggggc | caaaaggaca | gagcctggta | 1680 |
| tgtcttcata | gtcattgaga | atgtggagat | accagtttgg | gtgggggggtg | atcaccaggg | 1740 |
| gacctaggga | gatccctctc | ccaccctctc | tgttggcctc | agagtcactc | ctgccccctc | 1800 |
| tccctgactt | ggtgtctaca | tgcacctcac | tagggtttgt | gaccaggggtc | tggatgagct | 1860 |
| tgaatttgaa | tgaattgagt | ttgtattttt | agaacctgtg | gtttttacat | gtttgggtctt | 1920 |
| tttttgtttt | ggtttgtcac | cctcgataaa | ggaagtatat | tcattccatgt | gctgggtctg | 1980 |
| gccccctctg | tctacccttt | ctacttttga | tacttttagt | ctatgagagt | aagatggggg | 2040 |
| gaaggggaca | tcttccaggg | atattgaaag | tgaacccaag | agacaagggg | ttagggtgtc | 2100 |
| agctcttagc | tgagacctgg | cttgggctaa | cctcagactg | gatgagactg | ttcttgtccc | 2160 |
| ttgtccagtg | atgatgggaa | cactgtcaaa | gctgaacaga | cctgaatctg | aggcagcttt | 2220 |
| gattcttggg | ggccctgcct | cagactcaat | ggaattacca | acagcccctg | ggggtgaagg | 2280 |
| gagacatggc | gggttggggg | gtggagagag | aaagcagacc | aggctcttct | gggaatacct | 2340 |
| aatatggagt | cagcaagcaa | atgtttttta | gcagaagatt | cttttttatca | aatgaaatct | 2400 |
| taagcagaat | cccagcatat | aaaacagaat | ggaattactt | tgatctgatt | gaagtggggg | 2460 |
| ctgggtttcag | agatcatatg | ccatcttctt | ggcctgtcat | ggaggcctgt | gaggcactctc | 2520 |
| tacagaccct | ggtactctgt | gaagagtttg | gaaattactg | atctacttta | acccccaaat | 2580 |
| ctctaagctg | aaaagtacaa | agggggcccg | agagttagat | aaattttccca | aggctgtgtg | 2640 |
| gtaaaccac | gtctccagtg | tcccaggcca | gcaggccttt | ccctcaattg | cctccctttt | 2700 |
| tcagcaaaat | aagactagag | ctggccaggt | gcagtggctt | atcctgtaat | cctagcactt | 2760 |
| tgggaggctg | aggtgggcag | atcacctgag | gtcaggagtt | tgagaccagc | ctggccaaca | 2820 |
| tggcgaaacc | ccatctctac | taaaaataca | aaaaaaggct | gggcgtgggtg | gctcacgctt | 2880 |
| ctaatacccag | cactttggga | ggccaaagca | gacggatcac | ctgaggtcag | gagttcaaga | 2940 |
| ccagcctggc | caacatggcg | aaaccttgtc | tctactaaaa | tataaaaaat | tagctggggg | 3000 |
| aagccgaggt | gggtggatca | caaggtcagg | agatggagac | catcctgggt | aacatgggtga | 3060 |
| aaccccgctc | ctactaaaaa | tacaaaaaat | tagccaggcg | tggtagttagg | tgccatagat | 3120 |
| cccagctact | tgggaggctg | aggcaggaga | atggcggtga | cctggaaggc | ggagtttgca | 3180 |
| gtgagccgag | atcgtgccac | tgcactccag | cctgggcgac | agagcgagac | tccgtctcaa | 3240 |
| aaaaaaaaatt | agctggatgt | ggtagcaggc | gcctgtaatc | ccagctactc | aggaggctga | 3300 |
| ggcaggagaa | tcgcttgaac | ccagcaggcg | gaggttgtag | tgagctgaga | tcgcaccact | 3360 |
| gcactccagc | tggggtgacg | agtgaaaccg | tctcaaaaca | acaacaacaa | caacaaaatt | 3420 |
| agccagtcac | ggtggcaggc | gcctttaatc | acagctactg | gggaggctga | ggcaggagaa | 3480 |
| tctcttgaac | ctgggagggt | gaggttgtag | tgagccaaga | tcgtgccact | gcactccagc | 3540 |
| ctgtgtgaca | gagttagact | ccgtctcaaa | aaaaaaaaaa | gaaaagaaaa | ggctagagct | 3600 |
| acttgacgtt | gcctgagtta | gagaacatct | ctacaagggtg | taagtgactt | ctcatctgct | 3660 |
| caacagctca | aattattttat | tgtcaaaacca | tgctgtctat | gcttaggcct | ttaggactac | 3720 |
| tagggctcgtg | ggagcctcaa | agtgtattct | gcttggtcca | ggccttcttg | ggcttgatgt | 3780 |
| tcatgcgttt | ccagacttca | gctgtgggtg | ggtctgcttt | ggtgacccca | ctgaagtcca | 3840 |
| acgtggtgat | acgggacagg | gtgcacagca | catattgcct | gtggggaaga | cttaggctgg | 3900 |
| gggccagcac | ccccaccaga | atccccctcc | ccctccacta | gttgctgttg | tcttccctga | 3960 |
| ctgcaaggaa | tggaggggact | tgagcatagt | ttgggaaaga | ttaggtttat | cctgactgag | 4020 |
| agcaaggaaat | gcttagaggt | ctgttactcc | cttcccagggt | ccaagcatgg | cagaagaatg | 4080 |
| gtcgtagatt | tcttgtttct | cctcctcctt | tccttttaggg | gagcccagct | agacgctacc | 4140 |
| tccaggggca | gggcacttac | ctataccctt | tctcttcctc | catgggggttc | ccatggagtg | 4200 |
| tcaggctacg | gagccgagga | aggacagcca | gcttattcac | ctccccaggg | cgctggatgc | 4260 |
| tggtgcccgtg | aagatagagg | acactcaggt | tgaagaaagt | tgtaggacc | tggtggggag | 4320 |
| ggaaaccaa | agccaggcta | gacaggacag | gacctgaat | ctctgctcag | ggctgactcg | 4380 |

| | | | | | | |
|-------------|-------------|------------|------------|------------|------------|------|
| tgggcagaga | aggaagaatg | tggggaacaa | cctgccctcc | actccaaccc | tccacagcca | 4440 |
| tactgtatga | ctgtaaccta | cttttattta | tgttttaaga | catacagggc | atcacactga | 4500 |
| aaaggagctg | tgatctgagg | gtcaggagtg | tgggcctggg | taccagcact | gccactgact | 4560 |
| tgccctctctc | tcagcccttag | ttgccccttc | actgaagacc | tttccagctt | tggtgatcta | 4620 |
| cgattctatc | acagcaagca | acaggaagac | agagcatcat | gctaggcaca | taagaagctt | 4680 |
| ttaaaatact | ggttaaattg | agatcaccac | accaggggaa | tagtgtccaa | gtcatgctcc | 4740 |
| agctcctttc | ccctcttagg | gatcttggac | tagaaaaggc | aactttgttt | atttcttaaa | 4800 |
| acttgaatct | gagtcacaga | aa | | | | 4822 |

<210> 11934
 <211> 1967
 <212> DNA
 <213> Homo sapiens

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|-------------|-------------|-------------|-------------|-------------|-------------|------|
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| atggagccga | gccaactac | cacagcctgc | cttccgctcg | cactgatgag | caggccctgc | 120 |
| tctcttccat | ccttgccaag | acagccaggt | aagtgtcaga | ggaccaggcc | tgggtcagag | 180 |
| ctcctctatc | catattaaag | gctaggatag | aaggagccag | gctcaggaca | tgggggatgg | 240 |
| gacaagggtca | ctggggagag | gtgcctccat | gtccagccct | gctccagtag | gcaggagggga | 300 |
| aactgggtgc | agatagccct | ggagtgggta | cctggcactg | agtcctgttt | gtccttctcg | 360 |
| gaagcacctg | tcattgtcatc | tctgtctcct | ctccccatag | caacatcatt | gatgtgtctg | 420 |
| ctgcagactc | acagggcatg | gagcagcatg | agtacatgga | ccgtgccagg | cagtacaggt | 480 |
| gagcacctgg | ccagcgtggg | tccctcaggc | tacttgggct | cccaccctcc | atcactgttc | 540 |
| cagcttttga | gcctggcccc | tagtccaagc | ttctcatttg | gtgcagccct | ggagactgac | 600 |
| cacagatcac | ttgggtgctt | cagtagttat | tcattgtcagc | cctgtttacc | ctgtgacact | 660 |
| cttgagggcg | ctgaggccaa | gggagatggg | cctagattga | gtctgtgatg | agctgagacc | 720 |
| tccccctcca | gataccccct | ctcgacaccc | tgcttctctg | gcctgagggg | atgaggctta | 780 |
| cctgggctgg | gcagggcaga | ctgtggctta | actgcctacc | cccacccctc | ctctcttggg | 840 |
| cagcacccgc | ttggctgtgc | tgagcagcag | cctgaccctc | tggaagaagc | tgccaccgct | 900 |
| gccgtctctt | accagccagc | cccaccaagt | gctggccagt | gagcccatcc | cgttctctga | 960 |
| tttgagcag | gtgagacacc | cctcacctgc | ccctgcccac | ccttctcaca | ctgcccaggg | 1020 |
| tatggcagag | ggttcaccca | ctctgcctca | gaggaggtag | ggaagggtga | gttagggagc | 1080 |
| ctggtagcct | tgtaggcccc | agctccctcc | cacctcgctc | tcttaacttt | ttatgtcttt | 1140 |
| cctatctcct | tcctgcaacc | tttattgttt | cactccccct | tgctcttttc | cttctgtctc | 1200 |
| tcccatccct | gtctttctct | ttgccttcc | gttccccctc | attccctcct | tctccatcac | 1260 |
| catctaactc | ccccctccca | tttttccctg | ttgcctcctc | cacctgtctc | tgttcctctc | 1320 |
| ctccccggcc | cctctctgtc | tcagggtctc | aggatagctg | cttatgccta | cagtgcactt | 1380 |
| tctcagatcc | gtgtggagcg | aaaagaggag | ctgggtgtac | agtttgggat | cccatgaaga | 1440 |
| gaggggtcct | tggacagctc | ttctcctctc | ttcatcccat | ctctacccca | cccccttggc | 1500 |
| ccccagcctc | actgcggtt | atacagtacc | ctaacctgct | actaatcaca | gagaaaaatg | 1560 |
| tgaagaagga | ggagaagagg | aaggctagaa | gcctgagcaa | gtgagggtag | aaccttttgg | 1620 |
| gactggcctt | tgaagctctg | gccaggggatg | gggtgggggc | caaaaggaca | gagcctggta | 1680 |
| tgtcttcata | gtcattgaga | atgtggagat | accagttttg | gtgggggggtg | atcaccaggg | 1740 |
| gacctagggg | gatccccctc | ccaccctctc | tggtggcctc | agagtcactc | ctgccccctc | 1800 |
| tccttgactt | ggtgctcaca | tgcacctcac | tagggtttgt | gaccagggtc | tggatgagct | 1860 |
| tgaatttgaa | tgaattgagt | ttgtatttct | agaaccctgg | gtttttacat | gtttgggtctt | 1920 |
| tttttgtttt | ggtttgtcac | cctcgataaa | ggaagtatat | tcatcca | | 1967 |

<210> 11935
 <211> 1967
 <212> DNA
 <213> Homo sapiens

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| atggagccga | gccaactac | cacagcctgc | cttccgctcg | cactgatgag | caggccctgc | 120 |
| tctcttccat | ccttgccaag | acagccaggt | aagtgtcaga | ggaccaggcc | tgggtcagag | 180 |
| ctcctctatc | catattaaag | gctaggatag | aaggagccag | gctcaggaca | tgggggatgg | 240 |

| | | | | | | |
|-------------|-------------|------------|------------|-------------|-------------|------|
| gacaagggtca | ctgggggagag | gtgcctccat | gtccagccct | gctccagtag | gcaggaggga | 300 |
| aactgggtgtc | agatagccct | ggagttggta | cctggcactg | agtcctgttt | gtcctttctcg | 360 |
| gaagcacctg | tcatgtcatc | tctgtctcct | ctccccatag | caacatcatt | gatgtgtctg | 420 |
| ctgcagactc | acagggcatg | gagcagcatg | agtacatgga | ccgtgccagg | cagtacaggt | 480 |
| gagcacctgg | ccagcgtggg | tccctcaggc | tacttgggct | cccaccctcc | atcactgttc | 540 |
| cagcttttga | gcctggcccc | tagtccaagc | ttctcatttg | gtgcagccct | ggagactgac | 600 |
| cacagatcac | ttgggtgctt | cagtagttat | tcatgtcagc | cctgtttacc | ctgtgacact | 660 |
| cttgagggcg | ctgaggccaa | gggagatggg | cctagattga | gtctgtgatg | agctgagacc | 720 |
| ttccctccca | gataccctc | ctcgacaccc | tgcttctctg | gcctgagggg | atgaggctta | 780 |
| cctgggctgg | gcagggcaga | ctgtggctta | actgcctacc | cccacccctc | ctctcttggg | 840 |
| cagcacccgc | ttggctgtgc | tgagcagcag | cctgacccat | tggaagaagc | tgccaccgct | 900 |
| gccgtctctt | accagccagc | cccaccaagt | gctggccagt | gagcccatcc | cgttctctga | 960 |
| tttgagcag | gtgagacacc | cctcacctgc | ccctgcccac | ccttctcaca | ctgcccagg | 1020 |
| tatggcagag | ggttcaccca | ctctgcctca | gaggaggtag | ggaagggtga | gttagggagc | 1080 |
| ctggtagcct | tgtaggcccc | agctccctcc | cacctcgctt | tcttaacttt | ttatgtcttt | 1140 |
| cctatctcct | tcttgcaacc | tttattgttt | cactcccttt | tggtcttttc | cttctgtctc | 1200 |
| tcccatccct | gtctttctct | ttgccttcct | gttccctctc | attccctcct | tctccatcac | 1260 |
| catctaattc | ccccccccca | tttttcctga | ttgcctcctc | cacctgtctc | tggtcctctc | 1320 |
| ctccccggcc | cctctctgtc | tcaggtctcc | aggatagctg | cttatgccta | cagtgcactt | 1380 |
| tctcagatcc | gtgtggacgc | aaaagaggag | ctggttgtac | agtttgggat | cccatgaaga | 1440 |
| gagggtctct | tggaagctc | ttctctctc | ttcatcccat | ctctacccca | cccccttggc | 1500 |
| ccccagcctc | actgcggctt | atacagtacc | ctaacctgct | actaatcaca | gagaaaaatg | 1560 |
| tgaagaagga | ggagaagagg | aaggctagaa | gcctgagcaa | gtgagggtag | aaccttttgg | 1620 |
| gactggcctt | tgaagctctg | gccagggatg | gggtgggggc | caaaaggaca | gagcctggta | 1680 |
| tgtcttcata | gtcattgaga | atgtggagat | accagtttgg | gtgggggggtg | atcaccagg | 1740 |
| gacctaggga | gatccccctc | ccaccctctc | tggtggcctc | agagtcactc | ctgccccctc | 1800 |
| tccctgactt | gggtgctcaca | tgcacctcac | tagggtttgt | gaccagggtc | tggtatgagct | 1860 |
| tgaatttgaa | tgaattgagt | ttgtatttct | agaaccctgg | gtttttacat | gttttggctt | 1920 |
| tttttgtttt | ggtttgtcac | cctcgataaa | ggaagtatat | tcatcca | | 1967 |

<210> 11936
 <211> 509
 <212> DNA
 <213> Homo sapiens

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|-------------|------------|-------------|-------------|-------------|-------------|-----|
| <400> 11936 | | | | | | |
| tgatactctt | cctaatatcc | acaggggagag | aggatgatata | gactcccaat | atcgcagggtg | 60 |
| gggtacaaaa | cctgtgata | ttgttcctaa | tatccagagc | gaaagaggat | gatatgactc | 120 |
| tcaatatcgc | agaggggtga | caccctctct | ataatattgt | tctgaatacc | ctgggagaga | 180 |
| gaggataagg | ttacgttgaa | tatcgcagg | aatgtacacc | aaccctctctg | atacccttcc | 240 |
| taatgtgcag | gggaagagag | gaaaatttca | ctcccaatat | cacagaggca | gtacacccca | 300 |
| cttgtgatgt | tggtcccaat | atgcaagggg | gagtacaccc | cacttgtgat | gttgttccca | 360 |
| atatgcaagg | gggagaggat | gatactactc | tcaatatcgc | agggtgttcc | acatccccag | 420 |
| tgacattttt | tcctaatatc | tagggggagag | acaattatat | gacagcaaag | gtcgcagggtg | 480 |
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<210> 11937
 <211> 1142
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
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| aaacagaatg | gaattacttt | gatctgattg | aagtgggggc | tggtttcaga | gatcataggc | 120 |
| catcttcttg | gcctgtcatg | gaggcctgtg | aggcatctct | acagaccctg | gtactctgtg | 180 |
| aagagtttgg | aaattactga | tctactttaa | cccccaaatc | tctaagctga | aaagtacaaa | 240 |
| ggggcccgaga | gagttagata | aatttcccaa | ggctgtgtgg | taaaccacg | tctccagtgt | 300 |
| cccaggccag | caggcctttc | cctcaattgc | ctcccttttt | cagcaaaaata | agactagagc | 360 |
| tggccagggtg | cagtggctta | tcctgtaatc | ctagcacttt | gggaggctga | ggtgggcaga | 420 |

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|------|
| tcacctgagg | tcaggagttt | gagaccagcc | tggccaacat | ggcgaaaccc | catctctact | 480 |
| aaaaatacaa | aaaaaggctg | ggcgtggttg | ctcacgcttc | taatcccagc | actttgggag | 540 |
| gccaaagcag | acggatcacc | tgaggtcagg | agttcaagac | cagcctggcc | aacatggcga | 600 |
| aaccttgtct | ctactaaaat | ataaaaaaatt | agctggggga | agccgaggtg | ggtggatcac | 660 |
| aaggtcagga | gatggagacc | atcctggcta | acatggtgaa | accccgcttc | tactaaaaat | 720 |
| acaaaaaatt | agccaggcgt | ggtagtaggt | gcctatagtc | ccagctactt | gggaggctga | 780 |
| ggcaggagaa | tggcgtgaac | ctggaaggcg | gagtttgcag | tgagccgaga | tcgtgccact | 840 |
| gcactccagc | ctgggtgaca | gagcgagact | ccgtctcaaa | aaaaaaaatt | agctggatgt | 900 |
| ggtagcaggc | gcctgtaatc | ccagctactc | aggaggctga | ggcaggagaa | tcgcttgaac | 960 |
| ccagcaggcg | gaggttgcag | tgagctgaga | tcgcaccact | gcactccagc | tggggtgacg | 1020 |
| agtgaacccg | tctcaaaaca | acaacaacaa | caacaaatta | gccagtcatt | gtggcaggcg | 1080 |
| cctttaatca | cagctactgg | ggaggctgta | ggcaggtaga | atctcttgaa | cctgggaggc | 1140 |
| tg | | | | | | 1142 |

<210> 11938

<211> 9391

<212> DNA

<213> Homo sapiens

<400> 11938

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| aaacagaatg | gaattacttt | gatctgattg | aagtgggggc | tggtttcaga | gatcataggc | 120 |
| catcttcttg | gcctgtcatg | gaggcctgtg | aggcatctct | acagaccctg | gtactctgtg | 180 |
| aagagtttgg | aaattactga | tctactttta | cccccaaatt | tctaagttga | aaagtacaaa | 240 |
| ggggcccgag | gagttagata | aatttcccaa | ggctgtgtgg | taaaccacg | tctccagtgt | 300 |
| cccaggccag | caggcctttc | cctcaattgc | ctcccttttt | cagcaaaaata | agactagagc | 360 |
| tggccagggtg | cagtggctta | tcctgtaatc | ctagcacttt | gggaggctga | ggtgggcaga | 420 |
| tcacctgagg | tcaggagttt | gagaccagcc | tggccaacat | ggcgaaaccc | catctctact | 480 |
| aaaaatacaa | aaaaaggctg | ggcgtggttg | ctcacgcttc | taatcccagc | actttgggag | 540 |
| gccaaagcag | acggatcacc | tgaggtcagg | agttcaagac | cagcctggcc | aacatggcga | 600 |
| aaccttgtct | ctactaaaat | ataaaaaaatt | agctggggga | agccgaggtg | ggtggatcac | 660 |
| aaggtcagga | gatggagacc | atcctggcta | acatggtgaa | accccgcttc | tactaaaaat | 720 |
| acaaaaaatt | agccaggcgt | ggtagtaggt | gcctatagtc | ccagctactt | gggaggctga | 780 |
| ggcaggagaa | tggcgtgaac | ctggaaggcg | gagtttgcag | tgagccgaga | tcgtgccact | 840 |
| gcactccagc | ctgggtgaca | gagcgagact | ccgtctcaaa | aaaaaaaatt | agctggatgt | 900 |
| ggtagcaggc | gcctgtaatc | ccagctactc | aggaggctga | ggcaggagaa | tcgcttgaac | 960 |
| ccagcaggcg | gaggttgcag | tgagctgaga | tcgcaccact | gcactccagc | tggggtgacg | 1020 |
| agtgaacccg | tctcaaaaca | acaacaacaa | caacaaaatt | agccagtcatt | ggtggcaggc | 1080 |
| gcctttaatc | acagctactg | gggaggctga | ggcaggagaa | tctcttgaa | ctgggaggct | 1140 |
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<212> DNA

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| aaattcaatt | ctggaatttt | tttttatattg | ggcattttcta | gaacttttta | catttgaaag | 120 |
| tacatgatga | gtattagtaa | cgatgactta | tgtataatca | gaatctttat | gacaatttag | 180 |
| ttttacaagg | tcagaagaga | tgagtttgct | aaaccagct | gtgataacctc | agttggaaag | 240 |
| ggaattcaaa | ggtatgcttt | gtagaacaga | aaagtatagt | ttttttttca | tgaactttaa | 300 |
| tcattttctg | tttttcctct | atgtgagtc | gctacaaaag | tggtctaatt | tttacaacag | 360 |
| tagaacttcc | tcctttttcta | ctgtaatctt | cccactgact | ttactgcaca | ggtatgaaat | 420 |

| | | | | | | |
|-------------|-------------|------------|-------------|-------------|-------------|------|
| actagtgtat | tggatcttca | gtaacctttt | tatttcctag | atgattgaaa | tataggtatt | 480 |
| tactccattt | aaaccagggtg | ataagatgat | gtaaatactc | agggagggtg | ttactttgtt | 540 |
| acttttgcct | gtttgggggtg | taaagtgcga | tgactgaata | atcttcaatt | catgattcta | 600 |
| gagtaagttt | aatttggaaa | aaggggcttc | acacatgggtg | gtgggtgaac | attgattcct | 660 |
| ttataacttaa | aaagatgaaa | atgttttgtg | gactgatata | ttttatctta | ctgaatatga | 720 |
| attgtttatg | tatctctact | gtcaaatagc | ctttttgaaa | ctcaggaaaag | acaaagggttc | 780 |
| aattacacca | cttttgtcaa | taagcaaacc | aggtattttt | tttttctcct | gttgtctgga | 840 |
| tatggcaata | gatttttttaa | attgctgtga | gaacccatat | atgaaaagag | aggagttgaa | 900 |
| ttgtgtgtgc | cttttatgtc | ttgagattta | tatgtggaaa | agacgacatc | tacttcaaac | 960 |
| tgtatttttt | tcgttttttt | tttttttttg | ggaagggggg | agaacggggg | cttgctctgt | 1020 |
| cgcccagggt | ggagtgcagt | ggcgcgatct | cagctgactg | caacctccac | ctcccgggtt | 1080 |
| caagggattc | tgccctcagcc | tcccagtag | ctgagaccac | aggtgcgtgc | caccacaccc | 1140 |
| ggctaatttt | tttgtatttt | tagtagagac | gggttttagt | agagacggat | cactcctgac | 1200 |
| cagctgatcc | gcccacctcg | gcctcccaaa | gtgctgggat | tacaggcgtg | agccaccacc | 1260 |
| cccggcctgt | attttcagag | aggagagcct | ggtgtttttg | tggtgccaaag | tggttaagata | 1320 |
| atgtctcttt | gaggcttcct | atggactgcc | tttatttttag | taaactcaag | acaccagtta | 1380 |
| acctcaacag | agttttggcc | ttattagaat | ttgttgtgca | tcttattgaa | agccagggtt | 1440 |
| acatcacctc | acccatttat | tctttttagt | taaataaatt | taccatgcca | agtaaccaga | 1500 |
| atggagcaaa | ttggttgatc | tttaaggcag | taggtttgac | tagctagcta | tcattattgt | 1560 |
| cacatctaata | gctaggcacc | agaaaccatt | tgagccagga | gtgtgaatga | ataattccag | 1620 |
| agacacttta | gacatttttt | aatgttttat | atgaacattt | tacatttgtg | tgattgcctt | 1680 |
| agataattaaa | ttttcctagt | gctgataaaa | acagcaacat | tcataactta | ttttatatat | 1740 |
| tgttccaaag | aaaagaattt | gttttaatgg | tttcaaaata | actgcacctg | aatttgttta | 1800 |
| tgtgccttaa | gttctctagt | gctatttcaa | cttttttttc | aatctaaatg | aagcttacct | 1860 |
| tagataaggt | tcataattgt | ttcctataga | gtaaataaac | ttccccttct | taaattgtgt | 1920 |
| aataagcacc | aacgtgtggt | tgcttggcag | aatgagaatg | ttaagggaga | ttgttggatg | 1980 |
| tttggagttt | catttatattt | tttgttttta | ttttttgata | cctaggtgct | ttttaaaata | 2040 |
| ttcagacaaa | tatctatctt | acattgatta | aaccctgtga | aattcatttg | cagtatctac | 2100 |
| atcgaatgtc | aaaaaaagtat | acttattttt | gttccatact | tatgtacaat | tttttccctc | 2160 |
| ttcaggcttc | ttcattttacc | tttttgaaaa | agcacttact | ctccccttcc | ctatcacccc | 2220 |
| tcccccaagg | tttctttatt | taaattttta | ttgagagttg | ttggagctct | aagacaatac | 2280 |
| aaatttagag | ttgaacaaaa | gtataatctg | ctttacaact | agtatagacc | taaggctcatt | 2340 |
| tgctttcaat | tagaggctcc | agagtcttca | tagtggaag | aatgctttgt | atttaattgt | 2400 |
| tcttagttaa | gttgtagcac | gtgaatactt | acttacatgt | tttgtttaaa | tatacttctt | 2460 |
| gcatagttta | atttttttaa | agttgtatct | aataaaatgt | cttttaacca | ttattacttg | 2520 |
| actatatggt | tgtattaaat | tttgtttacg | aaaaatttgt | t | | 2561 |

<210> 11941
<211> 1249
<212> DNA
<213> Homo sapiens

| | | | | | | |
|-------------|------------|-------------|-------------|-------------|------------|------|
| <400> 11941 | | | | | | |
| caagtggtaa | gataatgtct | ctttgaggct | tcctatggac | tgccctttatt | ttagtaaact | 60 |
| caagacacca | gttaacctca | acagagtttt | ggccttatta | gaatttgttg | tgcatcttat | 120 |
| tgaaagccag | gtttacatca | cctcacccca | ttattctttt | tagttaaata | aatttaccat | 180 |
| gccaagtaac | cagaatggag | caaattgggt | gatctttaag | gcagtaggtt | tgactagcta | 240 |
| gctatcatta | ttgtcacatc | taatgctagg | caccagaaac | catttgagcc | aggagtgtga | 300 |
| atgaataaatt | ccagagacac | tttagacatt | ttttaatgtt | ttatatgaac | attttacatt | 360 |
| tgtgtgattg | ccttagatat | taaattttcc | tagtgctgat | aaaaacagca | acattcataa | 420 |
| cttatttttat | atattgttcc | aaagaaaaga | atttgtttta | atgggttcaa | aataactgca | 480 |
| cctgaatttg | tttatgtgcc | ttaagttctc | tagtgctatt | tcaacttttt | tttcaatcta | 540 |
| aatgaagctt | accttagata | aggttcatat | ttgtttccta | tagagtaaat | aaacttcccc | 600 |
| ttcttaaat | gtgtaataag | caccaacgtg | tggttgcttg | gcagaatgag | aatgttaagg | 660 |
| gagattgttg | gatgtttgga | gtttcattat | atttttttgt | tttatttttt | gatacctagg | 720 |
| tgctttttaa | aatattcaga | caaatatcta | tcttacattg | attaaaccgg | tgtaaatcca | 780 |
| tttgagttat | ctacatcgaa | tgtcaaaaaa | gtatacttat | ttttgttcca | tacttatgta | 840 |
| caattttttc | cctcttcagg | cttttttcatt | tacctttttg | aaaaagcact | tactctcccc | 900 |
| ttccctatca | cccctcccc | aaggtttctt | tattttaaatt | tttattgaga | gttgttggag | 960 |
| ctctaagaca | atacaaattt | agagttgaac | aaaagtataa | tctgctttac | aactagtata | 1020 |

| | | | | | | |
|------------|-------------|-------------|------------|------------|------------|------|
| gacctaaggt | catttgcttt | caattagagg | ctccagagtc | ttcatagtgg | aaagaatgct | 1080 |
| ttgtatttaa | ttgttccttag | ttaagttgta | gcacgtgaat | acttacttac | atgttttgtt | 1140 |
| taaatatact | tcttgcatag | tttaattttt | taaaagttgt | atctaataaa | atgtctttta | 1200 |
| accattatta | cttgactata | tggttggtatt | aaattttgtt | tacgaaaaa | | 1249 |

<210> 11942
 <211> 432
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| <400> 11942 | | | | | | |
| tggtatacat | ttattttaat | atccatgtgt | ttattatagt | aaatttgaaa | tgaaatcctg | 60 |
| aaaaacagaa | ttttttttaa | cacagacctc | acaccaatat | taattttttc | tctacataat | 120 |
| ttaaaactac | ataaattaag | tacttaaaat | ttatattgaa | ggccaccaag | aacttaggtt | 180 |
| gaatccttaga | aaattttaa | aactattttt | aaagttaccc | aacttaatat | tttaattttt | 240 |
| taatatttat | cttcctttac | taattcctga | taaataatag | cattagactt | gataaaataa | 300 |
| aaaagaattt | tagagtagaa | ttaatatatc | aaaaggggta | tatcaaccaa | attggtgtca | 360 |
| gattgtattc | attctctcat | cacataaaga | tttttctttt | gataggtgat | gctcatatga | 420 |
| acctttggtt | ta | | | | | 432 |

<210> 11943
 <211> 127
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|-----|
| <400> 11943 | | | | | | |
| tttttatatt | tttagtagag | acagggtttc | accgtggttag | ccaggatggg | ctcgctctcc | 60 |
| tgacctcgtg | atcctcccgc | ctcagcctcc | caaagtgctg | ggattacagg | tgtgagccac | 120 |
| tgacccc | | | | | | 127 |

<210> 11944
 <211> 432
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| <400> 11944 | | | | | | |
| tggtatacat | ttattttaat | atccatgtgt | ttattatagt | aaatttgaaa | tgaaatcctg | 60 |
| aaaaacagaa | ttttttttaa | cacagacctc | acaccaatat | taattttttc | tctacataat | 120 |
| ttaaaactac | ataaattaag | tacttaaaat | ttatattgaa | ggccaccaag | aacttaggtt | 180 |
| gaatccttaga | aaattttaa | aactattttt | aaagttaccc | aacttaatat | tttaattttt | 240 |
| taatatttat | cttcctttac | taattcctga | taaataatag | cattagactt | gataaaataa | 300 |
| aaaagaattt | tagagtagaa | ttaatatatc | aaaaggggta | tatcaaccaa | attggtgtca | 360 |
| gattgtattc | attctctcat | cacataaaga | tttttctttt | gataggtgat | gctcatatga | 420 |
| acctttggtt | ta | | | | | 432 |

<210> 11945
 <211> 92
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|----|
| <400> 11945 | | | | | | |
| tttttatatt | tttagtagag | acagggtttc | accgtggttag | ccaggatggg | ctcgctctcc | 60 |
| tgacctcgtg | atcctcccgc | ctcagcctcc | ca | | | 92 |

<210> 11946
 <211> 390

[illegible]

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| tagccttttt | gaaactcagg | aaagacaaag | gttcaattac | accacttttg | tcaataagca | 60 |
| aaccagggtat | tttttttttc | tcctgttgtc | tggatatggc | aatagatttt | ttaaattgct | 120 |
| gtgagaacc | atatatgaa | agagaggagt | tgaattgtgt | gtgcctttta | tgtcttgaga | 180 |
| tttatatgtg | gaaaagacga | catctacttc | aaactgtatt | tttttcgttt | tttttttttt | 240 |
| ttggggaagg | ggggagaacg | gggtcttgct | ctgtcgccca | ggctggagtg | cagtggcgcg | 300 |
| atctcagctg | atgcacaact | ccacctcccg | ggttcaaggg | attctgcctc | agcctcccga | 360 |
| gtagctgaga | ccacaggtgc | gtgccaccac | | | | 390 |

<400> 11947

```
<210> 11948
<211> 1812
<212> DNA
<213> Homo sapiens
```

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gggcagagta | gagatgaata | gttggtatg | gccaggcgg | ctacctgtt | tatcagtgg | 60 |
| tatggtttac | ctcacatagg | gcacctacac | gtgaagaaat | ggacaacaga | actgctttgt | 120 |
| ctgttggcat | ggttggttta | ttggaggact | gcattattgg | aggactggtt | tcctcttccc | 180 |

| | | | | | | |
|------------|-------------|-------------|-------------|------------|-------------|------|
| taccaggaca | atcctcccaa | gttcttttgag | ctttttctac | tgcctatttt | tgcagcccag | 240 |
| gtcagttgat | caggaggtgt | ggccttgat | ttggtccacc | ttgagtcaga | tgccgctctg | 300 |
| cttactgagt | atttttatat | tggactcaaa | tcatgatatg | gaatcatttg | tagacagcag | 360 |
| accacacaaa | attctgctgc | gcagtgacag | cagggcagat | cacggtgtta | actgtaatca | 420 |
| tcctggtagg | gagaggggat | ttatatacta | taggacagat | ggagagtgtg | tactgctttc | 480 |
| agaggtggaa | ttgcaggcta | cctgggaggc | aatgaatttc | cgcaacctct | ccaaaagcaa | 540 |
| agatagaaga | catgcctttc | tatctcttca | cctctgatgc | attcagagct | acatcataat | 600 |
| gttgacaaag | gtccctttta | agagtaggtg | tagcctgtta | gagtcagggc | agggcatatg | 660 |
| aacatagatc | aagtaacttc | tcctacactc | agtcgaaagg | ccacaacctc | cacacagaag | 720 |
| gtgaggttct | tcctgagcac | aataatgtag | ttgccagatc | ttccacatgg | ctgtatcaat | 780 |
| gggcttgact | ctggagcctt | agatttgggc | aagaacattt | aatcatccct | tgaaggacca | 840 |
| ccagctagga | ttgttaccat | gagagaatat | ggggaggagc | tatttaagag | gatccaaaat | 900 |
| gatgtctgc | agggctccag | gctcatttta | tttgtgtcag | cttattttaa | ggtgtaagtt | 960 |
| tctcaagcag | tgcactagtt | agggaaaaag | aaaaaaaata | aaggcataag | gctcaacaaa | 1020 |
| tcctttaact | gacctctaag | caggtaataa | atattactac | ttttttctct | atagtttctt | 1080 |
| attttttacc | ttttttatgt | tcaactcttt | agtccacttg | agattttttt | tctgggtatgt | 1140 |
| tatgtgaaac | ataaatcaca | tggacacttt | tatatggggc | actgtcacgt | gcaggattac | 1200 |
| aaatacctgt | tgtattttatt | catttcagtca | tccattacca | gttcaaggca | cattgttagg | 1260 |
| gaccagagat | gataaacatc | aaaaagaatg | tgtctcttaa | tcggtagcag | cttattgtcc | 1320 |
| atttaaggag | atcagaggta | cataaattac | tgtatataca | aagcagcatc | taaaaagtgc | 1380 |
| catgtgagtg | atgcgaacaa | gaaagaatat | aaaatataag | gattgttttt | tttttttacc | 1440 |
| tgagggcata | ttagggaact | agcagtagat | tccttctgcc | tggaataaga | gttttcccg | 1500 |
| aagaagtgtc | acttgagatg | tacctacagg | gacaggtagc | aatcttaatc | atgacttggt | 1560 |
| ggatataatg | aacagaaatc | ctcttgatc | atctcaattt | aaaaagggag | ctatccactt | 1620 |
| atcttgcttc | taagaatcta | ttctaaaagt | aaactggcta | aaacatataa | tgacttatgc | 1680 |
| acatagctat | tttttatggg | attacttgca | atagcaaaaag | actgagaaca | acccaaatat | 1740 |
| tatcaatatg | ggactagtgt | aaaaaactat | gatacatcca | cataatggag | gactgtgcat | 1800 |
| caataaaaag | aa | | | | | 1812 |

```
<210> 11949
<211> 155
<212> DNA
<213> Homo sapiens
```

| | | | | | | | |
|-------------|------------|-------------|------------|------------|------------|-----|--|
| <400> 11949 | | | | | | | |
| tgagggtcagg | agttcaagac | cagcctggcc | aacatggcaa | aaccccgtct | gtattaaaaa | 60 | |
| tacaaaaatt | agccaggcat | ggtggcgggg | gcctgtaatc | ccagctactt | gggaggctga | 120 | |
| ggcaggagaa | ttgcttgaac | ccgggggggtg | gggggt | | | 155 | |

```
<210> 11950
<211> 760
<212> DNA
<213> Homo sapiens
```

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|-----|
| <400> 11950 | | | | | | |
| gtgttgtaac | aactggtgac | atttcagttc | atgtgactac | tatgacctaa | tcactcagtc | 60 |
| tctcagtgtc | ccaattccag | attcttgggt | gacataatat | tagactcaca | tattattaga | 120 |
| ctaactaata | ttagccacc | atggtacagc | atgctgaggc | tggagtcaga | agtgagcaga | 180 |
| atcctgtaat | atttccaaga | gggaatatgg | gcagacaggc | aatggttagc | acatcaactt | 240 |
| catcaagtac | ttcaaatatt | tgggtttctc | aataaatata | tatatgagtt | aataaaatcta | 300 |
| gcataatttag | taaacaactt | ataatcctac | ctactgttgt | aatgctcagt | aaccacttca | 360 |
| gagtaacagt | aataatagat | gacttttatac | taaatgatgg | ctttcacacta | aaacagggttt | 420 |
| ctaaaactat | ctgtggtaag | aaccagtttt | cttattttgta | tttccaaata | gtctccatag | 480 |
| gagaatgatg | tttttgtaaa | atatgctaaa | aatgaattcc | ttgacaaatt | aaatttttaaa | 540 |
| aagatatgca | aaattgaaaa | aattttttttt | gttatttagat | tcaacagaca | gaagattgct | 600 |
| acgtcaaaat | gctctaggtt | tctaaatgct | tagtctcaat | ttctgtactg | atcacacacc | 660 |
| agtaacagtt | ccatacttta | aatagcacgt | tactaaaaat | cacttatcta | aatagtaaata | 720 |
| tttataataa | tgatgggtcaa | ttaatggcat | ttaatatctt | | | 760 |

<210> 11951
<211> 155
<212> DNA
<213> Homo sapiens

<400> 11951
tgaggtcagg agttcaagac cagcctggcc aacatggcaa aaccccgctct gtattaaaaa 60
tacaaaaatt agccaggcat ggtggcgggt gcctgtaatc ccagctactt gggaggctga 120
ggcaggagaa ttgcttgaac ccgggggggtg ggggt 155

<210> 11952
<211> 759
<212> DNA
<213> Homo sapiens

<400> 11952
gttaaataatg catgtatgca ctattgggtta atatttttcta ttttctaata atctacaggt 60
gtctgtagtt aacgttgagt catagtggga cttgagaagt ggtgcatagc cagtaagctg 120
acttttccca cccataaaaa tacatgtgtt ttgttcttga tactatgtgt gtgcacaaca 180
atgggaaggc cattgtcagc ccccaggag ggacacaccg cctgctgttc catatgaacg 240
atgcttgctg atcctgtgtg tggtcacgca gcgcagttct accttcccat ccctgtgcag 300
gtgactgtca gttcttttaa ttcacttcaa gcagaaaaag cccaggaccc cagaacagta 360
acatcacatc cctgtttata taagcctgaa gcaagacaag cgtcaggaag aaaatttcca 420
ctttaccttt tttctattaa taaagacctt ttaagtaaaa tctctgtagt gcaagttggc 480
atgagcagac ttggttaactt gtcttttaaag gagagggttta aattggaact tttaaaaact 540
agaaaaacaac agattgataa atcaattttg tattcgctag atgaagaagg tgctgtatta 600
ttcccaggga taataactct cagaattaat caggctaaaa agatacattt ataaaaatat 660
tacagtttta tatattaagc ctaaattcga tgttttgatg tgtaatatgg gataaaaataa 720
catactgttc agtgcataaa aatgacagag aaactaaat 759

<210> 11953
<211> 394
<212> DNA
<213> Homo sapiens

<400> 11953
gaggacacag gtttctctcta ggttgccaaa agtggatgat gacccagct cagcccagct 60
gtggatattc gctctctgaa aacccctgaa ctgtttgtct tgtgcaattt gtcccaaacg 120
tgatcaactg tctggctcta agacctggtc ttggttggca cctcatgatt attcccagat 180
gttctgcgga gttttgcctt gttagagtct aacctgacta gaaattcagg ctccccttcc 240
agctgggctg tgagttgtgt gcacaactgg ggacaccata gagagagctt cacagccagg 300
agccaaggat ggtgtgaaga ggctgtgtct tttccacctg catactgtct gctgcctgag 360
gtctgatgca ccatgtgtgt gcctgtgcat gtgc 394

<210> 11954
<211> 25806
<212> DNA
<213> Homo sapiens

<400> 11954
agaggaggag gaagccggaa gtgcatcggc cccgggtctg tccgggctgt gcgggattgg 60
ggcctgggaa cgctcggccc ccggcagccg agaagcccg gactgggctg agcagcacca 120
tcccagccct ggggcctgct gactgggtgag gaacagtggg cggcgtgggg agggcttttt 180
ctgcgcacag gtgcgacccc aaaccgcccg tcccagatca cgggtccccg atccccgcgg 240
cccagccccg tcttcgccc ctcggcatcc tctggctgag accctgactc cgggtctttg 300
ctctagcagt agccgatccc cgatccctcc gccccccact cgagtctgcc cagaccccat 360
ctggcccctg gccctcttcg gttgtcgtcc cgcagtccca ttccggagtc tctgtctccc 420

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|-------------|------|
| gccccccgaa | ttccccgcage | cctccccgtc | tccgtcagcc | ccgggtccca | ccccctatc | 480 |
| ctctgggtg | aaccctgaca | gcccagtc | ggcttcac | gcagcgaacc | cggagcgtt | 540 |
| ctatcctcca | ccggactgtc | aggctctgcg | gcctccgcg | aggctcggcg | cgaccagcag | 600 |
| cgactgcgga | gcgacggcg | gcggccccg | gcatgtacgc | ccccggaggc | gcagggtgc | 660 |
| ccggcggg | ccggcggagg | agccccggg | gcagcgtct | gccccagcag | ccggagcgta | 720 |
| gcctggcctc | ggccctgcct | ggcgccctgt | ctatcacggc | gctgtgcact | gccctcgccg | 780 |
| agcccgctg | gttgacacatc | cacggaggca | cctgttcgcg | ccaggagctg | ggggctctcg | 840 |
| acgtgttggg | ctatgtgcac | ccggacctgc | tgaaggtga | gggtgctgcg | cgctggccct | 900 |
| taaagcctcg | gtgggggaca | gaatgtgttc | tggctgaagc | agagatagcc | agggaccaga | 960 |
| cacttggttg | aaggaaacgg | ccccataact | gcctgggtgt | catgccacc | aggtggctct | 1020 |
| gtttgggggtc | cgccccctca | ttaatctctga | tggtattcag | ctaagcacct | actcctcaca | 1080 |
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| ccctcctact | atatatagtg | attataaata | gtatatttac | ctccaaaaaa | tttaacactg | 480 |
| tgccctaattg | caagaaaaat | ctgtgggtata | acaatgtact | catgttctgt | agctccttac | 540 |
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| tatttttattt | tacttttttt | ttgcgactga | gtctcactgt | gtcgcccagg | ctggaatgca | 1080 |
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| TTTTTTTTta | gtagagacag | ggtgtcacta | tgtaggccag | gctgggtctca | aactgtgacc | 1260 |
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<212> DNA

<213> Homo sapiens

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| catttttttt | cttaatagag | acagagttta | gccatgttgc | ccaggctgac | cttgaattcc | 180 |
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| cagccccagt | caggcgctca | aacagcacgg | tatagatgcc | aaggcgggta | gtggtgtagg | 180 |
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| aaatgcccc | ccagccttct | gccttcanga | tactggtgag | ggcatggaag | ctgggtttgt | 360 |
| actctcgagt | cttggccctt | tccccgctca | actgcatccg | gttcttcacc | aggtccaggg | 420 |
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| caccaagtgc | aacgggtctg | aaaagtctag | ttgtccagta | ggggccatgc | aatgaaagtg | 660 |
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<211> 327

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| gttgatcaaa | ccaccgtgga | caccttcttt | gccccatcagc | aggactagcg | ctggaggagg | 360 |
| aggaaagaga | aaggaggcta | ggatccagggt | gtcacaaatc | cacccccctgc | cagctgttca | 420 |
| gcagctgtcc | agccctgggg | gctgtaaacc | aacctcatct | ctcccaaccc | gccccccac | 480 |
| cacacacagg | caggctgtca | gtcacctga | aacaataagg | cttttcaaaa | gaggaaaatc | 540 |
| aagcttaaac | gctggagagg | aacagactaa | aaacttaggg | gtcaaagggt | catagactgt | 600 |
| tgattcatgt | gttcaggcta | gaaagggctg | tggatgtgca | tgccacctcc | aggttctaac | 660 |
| aaaagaactc | aaacgatgaa | ctcgatgatt | caagacccca | acaatctacc | tatactccta | 720 |
| gaaaacagtt | tctaataccga | gctcaaggca | gtaagtaatt | taagaggtaa | tgcagttcag | 780 |
| caacttcgaa | ttacaagatg | aggaactgag | acagaatgga | gggactatcc | cgtgttccag | 840 |
| catccagcag | acaagggaaca | caatactggt | ctgactccct | tcatgttggg | gaatcacaca | 900 |
| aaaaagcacc | ctcaagatta | ccagaaggcg | gtacattaga | gatcttggag | ctaaaggaag | 960 |
| ggtaagactc | aggaactcac | tcttgtcagt | cttgggtgaca | gtgacattga | aggtgggggc | 1020 |
| cccaccgggtg | ctcttgggtac | gaagatccat | gctaaattcc | ccatcctgca | gcagtgagtc | 1080 |
| cggatcacc | gaacatttct | ggcccccaag | tgtcagccca | ttcacgtaaa | aacttgaccg | 1140 |
| gtctttgcca | accaggacac | ccacctcagc | tggctggaag | aggaaccaag | cgcccatcaa | 1200 |
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| tgagaaccac | cccgcctggg | gggctaagta | taaattatat | actcagtaca | catcaatgaa | 1320 |
| ctgtgagaaa | ctctgaggac | tgtgggacgt | tagtgcagaa | aaagatcatg | attctgaaac | 1380 |
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| ccccctttca | ccccaagccc | ccacatccgg | tccccctccg | cccggaaacc | cccttcccc | 1860 |
| cccttttgaa | cttccgctcc | ccctccccac | ttccgggcag | tgtggacagg | gagatggtgg | 1920 |
| tgggagcagc | ggtagtaaac | caatatactt | tcgcttatgc | tgtctcagaa | cttctcacia | 1980 |
| agttccccctg | ctccaggccc | cgccggatgg | cgggaaaggga | gggcgagggg | acttccggga | 2040 |
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| ccctctctaa | cggagttagg | agggggccaga | agccacaga | gggtgggcaa | gggaccaaga | 2160 |
| ccacgcgcct | ggggctccct | tccgcaccag | gagaaacaat | ggtagaggga | cgcgggctgg | 2220 |
| cagccggagc | gggagctggg | ggtccaagga | tccccgggtc | ccctctcaat | cccaatcccc | 2280 |
| agtaaaaact | gaggcgcgct | cccggccccg | cctgggagag | gcggaagtgg | gcccgcgcac | 2340 |
| cgggcgcccc | gcccctcccc | gccctgtgcc | cggatgttaa | cgccccgtcg | cggaaagcgg | 2400 |
| ggtagcgggc | gggatggggc | ccgcgcctcg | gggcatagga | cctacgggca | actgagggac | 2460 |
| ccactcacgt | gcagccgcca | ttcgcgccgc | ttccagggca | agcaccagct | cagggcctct | 2520 |
| cgtgcgcgc | cctagaccgc | gcccgcctcc | acccaagtcc | ctccctcagg | gtccaaaccg | 2580 |
| gagcagtgcc | ccggaccgcg | caggcctcgc | agtaccgtga | tgttgacgaa | cgttttcccc | 2640 |

| | | | | | | |
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| gggacggcgg | cccagacgga | gggagagtc | ttgtagccca | cgatggccgc | gtcctgacag | 2700 |
| gtcccgtccg | ccatgaggtt | gtcgtatgtg | gcgttcacc | cggccatggc | gctgctactg | 2760 |
| gggctgtctt | cggcgctgct | gctggggccg | cggactgggc | tcgagctgcc | tcggctggcg | 2820 |
| ggcgggggga | ggcggagagc | tcggggcacg | cgctgccgtc | cggaccgcgg | ctccgctcgc | 2880 |
| tgtgcagcag | ccctcgcacc | gccacttcct | gctcctcccc | ccccccgccc | cgctagattt | 2940 |
| ttatttgcaa | aggacggtag | gggaggggcc | tactccccat | tccctccctc | ccccactcgc | 3000 |
| cagcccagac | accgaacttt | gcaaatacaa | ttttaaaaaa | ccctccccct | attgcaaaa | 3060 |
| ttgcagagtt | cgatggaaag | caatgcagaa | ggatgggggg | tggcgggaga | gaggtgaagg | 3120 |
| gtagggtttg | ctccaatttg | cactgaatat | aaaccagact | ttggtatcgg | ggcagggagt | 3180 |
| gagccagaag | aaggaaggaa | ggagaaaagc | ggaggaatta | gcaagctgca | aatttagcaa | 3240 |
| attaaggaga | gttcggggag | cccagggtta | aacgggatga | ctcctccttc | ccccacctcc | 3300 |
| gccgaaggga | aggaccggcg | ggcggcggcg | cggtgccccg | cgcttgccgc | tgcgcggggg | 3360 |
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<210> 11963

<211> 2907

<212> DNA

<213> Homo sapiens

<400> 11963

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| ccaaccacac | acgggagggg | tatgggtagg | gggaggtgtc | tgtccatcca | gccctggccc | 120 |
| ccagcccatg | tggttttggc | agcaataagg | ggtatggggg | aatggcccaa | aaaataaaat | 180 |
| ggtttgtgtg | tgtatgggga | ggaaaggggt | gcaaagctgt | ggggagcggg | gaaggggaag | 240 |
| ggacagacga | ggtcagtact | gggaacgccg | aaggtgggag | gccatttcat | aacatttctt | 300 |
| gttgatcaaa | ccaccgtgga | caccttcttt | gcccatcagc | aggactagcg | ctggaggagg | 360 |
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| gcagctgtcc | agccctgggg | gctgtaaccc | aacctcatct | ctcccaaccc | gccccccac | 480 |
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| aagcttaaac | gctggagagg | aacagagtaa | aaacttaggg | gtcaaagggt | catagactgt | 600 |
| tgattcatgt | gttcaggcta | gaaagggctg | tggatgtgca | tgccacctcc | aggttctaac | 660 |
| aaaagaactc | aaacgatgaa | ctcgatgatt | caggacccca | acaatctacc | tatactccta | 720 |
| gaaaacagtt | tctaataccga | gctcaaggca | gtaagtaatt | taagaggtaa | tgcagttcag | 780 |
| caacttcgaa | ttacaagatg | aggaactgag | acagaatgga | gggactatcc | catgttccag | 840 |
| catccagcag | acaaggaaca | caatactggt | ctgactccct | tcatgttggg | gaatcacaca | 900 |
| aaaaagcacc | ctcaagatta | ccagaaggcg | gtacattaga | gatcttggag | ctaaaggaag | 960 |
| ggtaagactc | aggaactcac | tcttgtcagt | cttgggtgaca | gtgacattga | aggtgggggc | 1020 |
| cccaccggtg | ctcttggtag | gaagatccat | gctaaattcc | ccatcctgca | gcagtgagtc | 1080 |
| ccggatcacc | gaacatttct | ggcccccaag | tgtcagccca | ttcacgtaaa | aacttgaccg | 1140 |
| gtcttttgcca | acaggacac | ccacctcagc | tggctgggaag | aggaaccaag | cgcccccaa | 1200 |
| gttagtcagt | gcaccaagat | tcccaccgtg | ttctccaaag | accacactgt | cttccacttc | 1260 |
| tgagaaccac | cccgcgtgg | gggctaagta | ttaattatat | actcagtaca | catcaatgaa | 1320 |
| ctgtgagaaa | ctctgaggac | tgtgggacgt | tagtgcagaa | aaagatcatg | attctgaaac | 1380 |
| ttagaatatg | gaaccaggga | ggaagggatg | acatactcct | ctagagattt | agatgtcagt | 1440 |
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| gatgaggaag | cagacccctg | ggggctttcc | gggaaagtgt | gaaaactttt | gaaggtggac | 1740 |
| agggggccaga | cccggcaggc | cagctctcgg | gtctaggtac | cccgggaacc | tttccccctt | 1800 |
| ccccctttca | ccccagccc | ccacatccgg | tccccctccg | cccggaaacc | cccttcccc | 1860 |
| cccttttgaa | cttccgctcc | ccctccccac | ttccgggcag | tgtggacagg | gagatgggtg | 1920 |
| tgggagcagc | ggtagtaaac | caatatactt | tcgcttatgc | tgtctcagaa | cttctcacaa | 1980 |
| agttccccctg | ctccaggccc | cgccggatgg | cgggaaggga | gggcgagggg | acttccggga | 2040 |
| ttggcctcgc | aggaatgttg | aatccaacgt | gctgagctgg | gggggcgtgt | ggtggcctcg | 2100 |
| ccctctctaa | cggagttagg | aggggcccagg | agcccacaga | gggtgggcaa | gggaccaaga | 2160 |
| ccacgcgcct | ggggctccct | tccgcaccag | gagaaacaat | ggtagaggga | cgcgggctgg | 2220 |
| cagccgggagc | gggagctggg | ggtccaagga | tccccgggtc | ccctctcaat | cccaatcccc | 2280 |
| agtaaaaact | gaggcgcgtc | cccgcctcgc | cctgggagag | gcggaagtgg | gccgccgcac | 2340 |
| cgggcgcgcg | gccctcccc | gcctgtgccc | ccggatgtaa | cgccccgtcg | cggaaagcgg | 2400 |

| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| ggtagcgggc | gggatgggcg | ccgccgcctg | gggcatagga | cctacgggca | actgagggac | 2460 |
| ccactcacgt | gcagccgcca | ttcgcgccgc | ttccagggca | agcaccagc | cagggcctct | 2520 |
| cgctgcgcgc | cctagaccgc | gcccccccc | acccaagtcc | ctccctcagg | gtccaaaccg | 2580 |
| gagcagtgcc | ccggaccgcg | caggcctcgc | agtaccgtga | tggtgacgaa | cgttttcccg | 2640 |
| gggacggcgg | cccagacgga | gggcgagtc | ttgtagccca | cgatggccgc | gtcctgacag | 2700 |
| gtcccgctcc | ccatgaggtt | gtcgatgtag | gcgttccacc | cggccatggc | gctgctactg | 2760 |
| gggctgctct | cggcgctgct | gctggggccg | cggactgggc | tcgagctgcc | tcggctggcg | 2820 |
| ggcgggggga | ggcggagagc | tcggggcacg | cgctgccgtc | cggaccgcgg | ctccgctcgc | 2880 |
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<210> 11964
 <211> 1678
 <212> DNA
 <213> Homo sapiens

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| atattttactg | cctcaggcct | gtgagggaat | gccaaagtgt | ttgttgacac | aattttggta | 120 |
| gtctcgatca | gaatcagcaa | actgtgactc | atagaccaag | ccctgcctgt | cctgtttttt | 180 |
| tgcatggccc | tgaacagaag | aatgagtttt | acattttttg | atggtttaat | ggtgatgtgt | 240 |
| gaaaataatg | tgaatccaa | atttcagggc | ccatcaatgg | tcacacgatt | atgtgaattt | 300 |
| actaaaaacc | attgcatcat | atatttttaa | gggtggactg | tatggtttgt | gaattatata | 360 |
| tcaataaagt | agttcttaaa | aaaaaacaaa | acaaaatttc | agggcccatc | aagttatata | 420 |
| tatatgaaat | atatattttg | gtagatatgg | ggtcttgcta | tggtgcccag | gctgatcttg | 480 |
| agctccaggg | ctcaagtaag | tgatcctccc | acctcagcct | cccaaaatgc | tgggatttca | 540 |
| ggtttgaacc | accactgtca | tccccataaa | taaagtattt | ggaatacagc | catactcatt | 600 |
| cattcatgta | ttgtctatgg | ctgcttttgc | tctacaatag | ctgggttgag | tacttggaac | 660 |
| agagaccaa | tgtctggcaa | aagtctaaca | tatttactat | cttgtacaga | aaaaaaatgt | 720 |
| caacctacat | ctatacttat | tacaatttca | gtaaaaatac | agagtttaag | taatttgga | 780 |
| aaatggcttt | aagaatgaaa | aggtgcaagg | ttatacctgc | tgaacaaatg | aactgtgggc | 840 |
| gtgaggtgcc | attagtctag | gcctgcatgt | tcagggaagg | cccaggggag | agcctgatgt | 900 |
| ggcctggcta | tttgtcatat | ttgcaaaggg | gaagtgatgt | aattggctctg | caatgaactt | 960 |
| gattttcaat | tgactcaaag | atctaaggag | gaataaaaaat | tatttaaaaa | ggaaattagg | 1020 |
| gaagaatggg | gagaatattg | gaatcattta | atagaagtac | aaacacatag | acttttaact | 1080 |
| tttgcccat | aaattttttt | taacatttta | ttttcttaaa | ttttttttta | aaaaatagtg | 1140 |
| atgggggtttc | actgtgttgc | ccaggctggg | ctcgaactcc | tgggctcaag | tgatcctccc | 1200 |
| accttggcct | cccaaagtgt | tgggggttaca | ggcatgagcc | agcctcacc | aaccatttaa | 1260 |
| atgtctttta | tgtaacttcg | ggtgtatgag | aatttgaag | ttgactgtgc | agatctctta | 1320 |
| aaaggttgat | atggtgtatt | tttagaatgt | tttagactgc | acgtgtgtgt | gtgtttgttt | 1380 |
| gtgtgtgtgt | gtgtgtgcgt | gctatagaaa | acacagcatg | gaaaccttgt | taaaatcaga | 1440 |
| ggctttgatt | ttttattcta | aagctttgag | ttatatgttt | aatcagatac | tatgtgaaaa | 1500 |
| attttcatta | ggtacatatt | gaagtgttcc | attcaagtct | acaagtatat | cctcctaagg | 1560 |
| atttagttta | acatcctttc | cctgctccaa | caagggaatg | ctttattaga | gtttcctaga | 1620 |
| aataatggga | ctaattagga | cctttcatat | tacctagtcc | agcagtccaa | cccatgtg | 1678 |

<210> 11965
 <211> 304
 <212> DNA
 <213> Homo sapiens

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| agtgggtgca | tctcggtcca | ctgcaagctc | cgcctcctgg | gttcacgcca | ttcttctgcc | 120 |
| tcagcctccc | aagtagctag | gaccacaggc | gccaccact | acgccagct | aattttttgt | 180 |
| attttttagta | gagacggggt | ttcaccgtgt | tagccaggat | ggtctcgatc | tcctgacctc | 240 |
| gtgatccgcc | cgccttggcc | tcccaaagtg | ctgggattac | aggcgtgagc | caccacgcct | 300 |
| ggcc | | | | | | 304 |

<210> 11966
 <211> 10944
 <212> DNA
 <213> Homo sapiens

<400> 11966

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| gaccaatgtg | gaatatgcac | atctgtgtga | gctcatgggc | acgtccctgt | atgccccga | 120 |
| ggtaccttct | ttaaagtttt | cctcagtgtg | tgggaacatc | ctgatcttca | taagaactca | 180 |
| atcctaaaca | gataaaccag | attcagaagc | actggcatga | acttgaactt | tttttttttt | 240 |
| ttgagatgga | gtctcgctct | gtcaccacag | ctggagtgtg | gtggcgaaat | cttggcgcac | 300 |
| tgcaaccctt | gcctcctggg | ttcaagtggg | tctcctgcct | cagcttccca | agtagctggg | 360 |
| actacaggca | tgtgccacca | cacctggcta | atttttgtat | ttttagtaga | tacagggttt | 420 |
| taccatgttg | gccagactgg | tctcaaactc | ctgacctcag | gtgatccacc | tacctgggcc | 480 |
| ccacaaagtg | ctgggattac | aggcgtgagc | caccatgccc | atccaatttg | aagcttgaaa | 540 |
| tattaatgtg | agaaggccag | gcatggtggc | tcacacctgt | aatcccggta | cttttgagg | 600 |
| ccgaagtgtg | ggggatcact | tgaggccagg | agttcgacac | cagcgtgtgc | aacatagaac | 660 |
| tctgtatgta | caaaaaata | aaaaattaat | cgggtgtgat | ggtgcatacc | tgtagtctca | 720 |
| gctgcttggg | aagctgaggc | atgggaggat | ggcttgagct | gaggaagtcg | aggctgcagt | 780 |
| gagccatgat | cgtgccacga | tactccagcc | tgggtgacag | agcttgactc | tgtttttttt | 840 |
| agaagaggac | atgacagtca | tggtcacgct | ccttttcctt | ctcaggtatg | taactgctct | 900 |
| gcgcctgaca | cgggcaacat | ggagctgctg | gtgaggtatg | gcaccgaagc | gcagaaggct | 960 |
| cgctggctga | tctctctgct | ggaggggaaa | gcccgcctct | gttttgctat | gaccgagccc | 1020 |
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| gaacacgggc | tgtctgctgg | cgtctctgac | tggaaatgac | tccccactca | ggttgccctt | 1140 |
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| gattccaaag | cccgggccca | gagccgttat | gtgtgcacca | cctgtgggag | ccgagccagc | 1860 |
| tggcagggat | caagtagcgg | ttttcatcct | cttgtctcta | aattatattt | tctactctat | 1920 |
| gtgatgcttt | taaaaacttg | ctcttatgat | ttgggattca | ttcctcactg | ggacaaaacc | 1980 |
| caatttgctc | ttattttctg | tcagcagtct | gcagatgctc | atctgattac | atggagcctt | 2040 |
| aaagagctct | gtctgcttcc | ttactgtgcc | tttcttgggc | caggaccacg | tgtgtagaga | 2100 |
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| 1. Demographic Data | |
|--|---|
| Age (mean) | 25.5 |
| Gender (Male/Female) | 15/15 |
| Education (High School/College/Postgraduate) | 10/5/5 |
| Marital Status (Single/Married) | 20/5 |
| Occupation (Student/Professional/Other) | 15/5/5 |
| Religion (Islam/Christianity/Other) | 15/5/5 |
| Region (Urban/Rural) | 15/5 |
| Duration of Study (Months) | 12 |
| Sample Size (n) | 30 |
| Response Rate (%) | 95 |
| Dropout Rate (%) | 5 |
| Non-response Rate (%) | 0 |
| Overall Satisfaction (Mean) | 4.2 |
| Overall Satisfaction (SD) | 0.8 |
| Overall Satisfaction (95% CI) | 3.6 - 4.8 |
| Overall Satisfaction (p-value) | 0.001 |
| Overall Satisfaction (Effect Size) | 0.45 |
| Overall Satisfaction (Cohen's d) | 0.85 |
| Overall Satisfaction (Cohen's f) | 0.35 |
| Overall Satisfaction (Cohen's h) | 0.25 |
| Overall Satisfaction (Cohen's k) | 0.15 |
| Overall Satisfaction (Cohen's l) | 0.05 |
| Overall Satisfaction (Cohen's m) | 0.01 |
| Overall Satisfaction (Cohen's n) | 0.001 |
| Overall Satisfaction (Cohen's o) | 0.0001 |
| Overall Satisfaction (Cohen's p) | 0.00001 |
| Overall Satisfaction (Cohen's q) | 0.000001 |
| Overall Satisfaction (Cohen's r) | 0.0000001 |
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10908

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| gactgaacc | tccgcctccc | gggttcaagt | gattctcctg | cctcagcctc | ccgagtagct | 120 |
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447

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| | | | | | | |
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 <211> 90
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| gccagtttct | tggtttttat | tatccaatgt | gtacatatgc | ccagaagcta | tttgtaatgg | 180 |
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| taacactaat | aatctcta | gtatccaact | tttcaattat | tgaaaatcca | aaagtcaaat | 960 |
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| Table 1. Demographic characteristics of the study population | |
|--|-----------|
| Age (years) | |
| 18-24 | 10 (10.0) |
| 25-34 | 15 (15.0) |
| 35-44 | 20 (20.0) |
| 45-54 | 25 (25.0) |
| 55-64 | 30 (30.0) |
| 65-74 | 35 (35.0) |
| 75-84 | 40 (40.0) |
| 85-94 | 45 (45.0) |
| 95-104 | 50 (50.0) |
| Gender | |
| Male | 55 (55.0) |
| Female | 45 (45.0) |
| Ethnicity | |
| White | 60 (60.0) |
| Black | 20 (20.0) |
| Hispanic | 15 (15.0) |
| Asian | 10 (10.0) |
| Other | 5 (5.0) |
| Education | |
| High school or less | 30 (30.0) |
| Some college | 20 (20.0) |
| Bachelor's degree | 25 (25.0) |
| Master's degree | 15 (15.0) |
| PhD | 10 (10.0) |
| Income | |
| <\$10,000 | 15 (15.0) |
| \$10,000-\$20,000 | 20 (20.0) |
| \$20,000-\$30,000 | 25 (25.0) |
| \$30,000-\$40,000 | 30 (30.0) |
| >\$40,000 | 30 (30.0) |
| Health status | |
| Good | 40 (40.0) |
| Fair | 30 (30.0) |
| Poor | 20 (20.0) |
| Very poor | 10 (10.0) |
| Smoking status | |
| Never smoker | 30 (30.0) |
| Former smoker | 20 (20.0) |
| Current smoker | 20 (20.0) |
| Alcohol consumption | |
| None | 15 (15.0) |
| Light | 20 (20.0) |
| Moderate | 25 (25.0) |
| Heavy | 30 (30.0) |
| Exercise frequency | |
| None | 15 (15.0) |
| Light | 20 (20.0) |
| Moderate | 25 (25.0) |
| Heavy | 30 (30.0) |
| Family size | |
| 1-2 | 15 (15.0) |
| 3-4 | 20 (20.0) |
| 5-6 | 25 (25.0) |
| 7-8 | 30 (30.0) |
| 9-10 | 30 (30.0) |
| Marital status | |
| Married | 40 (40.0) |
| Single | 20 (20.0) |
| Divorced | 15 (15.0) |
| Widowed | 10 (10.0) |
| Religious affiliation | |
| Protestant | 30 (30.0) |
| Catholic | 20 (20.0) |
| Jewish | 15 (15.0) |
| Muslim | 10 (10.0) |
| Other | 5 (5.0) |
| Political affiliation | |
| Democrat | 30 (30.0) |
| Republican | 20 (20.0) |
| Independent | 15 (15.0) |
| Other | 10 (10.0) |
| Occupation | |
| Unemployed | 15 (15.0) |
| Retired | 20 (20.0) |
| Student | 25 (25.0) |
| Professional | 30 (30.0) |
| Service | 30 (30.0) |

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<210> 11997
<211> 28766
<212> DNA
<213> Homo sapiens
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28766

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| ctgacctccc | aggctcagcc | atcctttctac | ctcagcctcc | cgagtagctg | gaaacaggtg | 120 |
| cacaccacca | cgcccagcta | atTTTTttat | TTTTtgtaat | aaaaagagac | aggatcttgc | 180 |
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| caaagtgcg | gaattacagg | cctgagccac | tgtaccaagc | cagaatgtga | tatatttata | 300 |
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 <212> DNA
 <213> Homo sapiens

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| cacaccacca | cgcccagcta | atTTTTttat | TTTTtgtaat | aaaaagagac | aggatcttgc | 180 |
| tgtgttgccc | aagctgggtct | caaactcctg | cactcaaata | atcttcccgt | cttgggtcttc | 240 |
| caaagtgcg | gaattacagg | cctgagccac | tgtaccaagc | cagaatgtga | tatatttata | 300 |
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| ttatcagagc | aaaataggga | tatttgataa | taacagggtg | aaaccatcaa | gaagatacaa | 180 |
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| gtatacttct | aaataaccag | tgggtcaaac | aggagatcac | aaacaaaatt | aggaagtgtc | 660 |
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| gggtcgctta | aggtcaggag | gtccaggcag | gaaaattgct | tgaacccccg | aggcagaggt | 780 |
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<210> 12003
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| aaaataacaa | aaaaattagc | cgggctgtgt | ggcggggcgc | tgtagtccca | gctactccgg | 180 |
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| caccactgca | ctccagcctg | ggctacagag | caagactccg | tctcaaaaaa | aaaaaaaaaa | 300 |
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| taccacctc | cagacttggt | ttatatgaca | gaaaaataaa | tccttagtgt | ttaagccagt | 420 |
| ataatttggc | atttttgggt | atatgcaact | gaatcgaata | ctaattgata | ataccatggt | 480 |
| gtaatgttaa | atataaaaagg | taagttgcta | agtaaagcca | gaagaatata | aactcaaacg | 540 |
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| cattttccca | gctgtatcta | cattgcagcc | tatcagtttg | tgacttttga | tttgtactat | 780 |
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| gggtggacca | gcacttcggg | aggctgaggt | ggctggatta | tgaggtcagg | agtttgagac | 900 |
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| ttgcagaagg | aacattatag | ctccctaggt | ctagcaaata | aggggaactag | ggtacagaga | 2220 |
| aattaagtga | cttaagatct | cacaacaaac | tagtggagta | cttctactta | aatatatctc | 2280 |
| tagatactca | tagaaggtaa | aagctacatt | gaaaattcac | acaactcttc | tggaaagtgg | 2340 |
| caaattcaat | gatgctgtaa | agtctggcat | aatattctag | tggtaagac | actttgggta | 2400 |
| gtaaattgaga | gaggccaaat | tcaaatacag | ctaagaataa | aaagaaatgt | tttctttcaa | 2460 |
| gtgggtggag | ctcaagtaag | tgtaaatctc | aggggataaa | ttggattcag | gcatagctgg | 2520 |
| atgcaaaggc | tcaaaaatgt | catcagaatc | tgccctcttt | tctctcttgg | tggtgtctgc | 2580 |
| cactgtgttg | tctcattct | caggtagctt | gactcacaca | gctacaacaa | tggcttatat | 2640 |
| cctaattggt | gatcagccac | agggcagagt | acacttttcc | tcagtgggtc | aagcaaaaat | 2700 |
| cctggggctc | actcttactg | gctgacttgg | atcaggtgtc | cttctggagc | acaacacagt | 2760 |
| gactccaggt | ggccaagctt | gaatctcatg | ccacatccct | accaccagct | ccactaaaaa | 2820 |
| gaaccacatg | gacagaaggg | gaggagtggg | tacaaaggga | aaaataaatg | tttattaccc | 2880 |
| agggagggat | aatgaatgta | aggcaagcaa | aaacgggaaa | aaaaaaagtc | cattaaaaat | 2940 |
| tcaatttaca | ctattttacac | tcacattgca | ctgtaaactg | atgcaattaa | gagtctcatt | 3000 |
| tcttgcttgg | tggttagggga | tttatatttc | attaaaaaaa | atactaccaa | cattaagtaa | 3060 |
| ggggatactt | gaagaaaaca | aagatatgcy | atgaagaaaa | ctgggctttg | caaaaaaaaa | 3120 |
| aaaaaaaaa | | | | | | 3129 |

<210> 12004

<211> 2815

<212> DNA

<213> Homo sapiens

<400> 12004

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|------------|-----|
| gagcccaggt | accttgtgac | actggagtgt | catattagcc | ctggactacc | cacctccaga | 60 |
| cttgttttat | atgacagaaa | aataaatcct | tagtgtttaa | gccagtataa | tttggcattt | 120 |
| ttgggttatat | gcaactgaat | cgaataactaa | ttgataatac | catgttgtaa | tgttaaatat | 180 |
| aaaaggtaag | ttgctaagta | aagccagaag | aatataaact | caaactgtga | taggtgatag | 240 |
| gccagtaata | cagaaagggtg | gatgagtggc | agtataaata | gtagggatgc | agaggacatg | 300 |
| ttgaatttga | aagcccctgc | aacattaata | atattaccat | gtggccatgt | ggattgagat | 360 |
| cttccagttt | ttcatgttaa | atttcccag | tgttctgcaa | acaaaacatt | ttcccagctg | 420 |
| tatctacatt | gcagcctatc | agtttgtgac | ttttgatattg | tactatggtc | taatatttag | 480 |
| aaaaatggaa | taaaaggagg | aaggatggaa | gggagaaaag | aagggaagggt | ggaccagcac | 540 |
| ttcggggaggc | tgaggtggct | ggattatgag | gtcaggagtt | tgagaccagc | ctggacaatg | 600 |
| tggtgaaacc | ccatctccac | taaaaaatata | aaaattagct | gggcatgggtg | gcatatgcct | 660 |

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|------|
| gtaatcccag | ctactcggga | ggctgaggca | ggagaatcgc | ttgaactcgg | gaagcggagg | 720 |
| ttgcagtcag | ccaagattgt | gccactgcac | tccagcctgg | gtgacagagc | gagactccat | 780 |
| ctcaaaaaaa | aaaaaaaaaa | gttattgtct | gctgtgtgtt | aaactgggag | tctaattgtat | 840 |
| aaacatgtga | ccttgccact | ttggagaaat | tccaggaaat | ggtacaaatg | gtaccttgat | 900 |
| tttttttttt | tcttttttcc | ttttgagaca | gagtctcttg | ctctgtcacc | caagctggag | 960 |
| cgcaatggca | caatcttggc | tgactgcaac | ctccaattcc | caagttcaag | cgattctcct | 1020 |
| gcctcagccc | cccgaacagc | tgggtattaca | ggcatatgcc | acccaccca | gctaattttt | 1080 |
| gtatttttag | tacatacggg | gtttcaccac | gttgtccaag | ctgggtcttga | actcctgacc | 1140 |
| tcatgatcca | cccaccttgg | cctcccaaag | tgctgggatt | acaggcatga | gccaccgcgc | 1200 |
| ccgccacctt | gattattgtt | taaataaaaag | atgaataaaa | gtacattctt | atttttgatt | 1260 |
| ataatgtggc | ccaatgtata | catttcactt | agtgtagcac | atcacattgt | tcttactaaa | 1320 |
| actatttcta | gttttacacc | agctcagatt | tttaaatttt | cattgtcttt | tctacttctt | 1380 |
| gtctcaggca | ttgccattct | cttcaaaaaca | tatttgaaaa | atgtccaggc | ttctcatctc | 1440 |
| tgtgtaaaac | tgttcagttt | gttccagttg | gacgagaaga | aattggactg | agcatacttt | 1500 |
| tttgtgagac | atccattttc | ttcctttgat | gaatttgaca | acttgtgaca | attctcacat | 1560 |
| tttggaaaca | gtctcctaata | tatagaagaa | gctaataatg | ataatataag | aaattataaa | 1620 |
| ttattttgact | gttttcaatt | tatccaaaag | gaagtttatc | aaactttctc | ctcctacttt | 1680 |
| ctgctccacc | ccacccctca | gccccgatgc | acacgctgtg | ccgtcacagc | acttatgcct | 1740 |
| agagaattat | gatccttaaa | tagcagtcaa | ctcttcttaa | atagcagtca | gttgttctag | 1800 |
| cagtgtatca | gttagacatt | ctagaatatt | tcacaaaata | agaattttgc | agaaggaaca | 1860 |
| ttatagctcc | ctaggctctag | caaatgaggg | aactagggta | cagagaaatt | aagtgactta | 1920 |
| agatctcaca | acaaactagt | ggagtacttc | tacttaaata | tatctctaga | tactcataga | 1980 |
| aggtaaaagc | tacattgaaa | attcacacaa | ctcttctgga | aagtggcaaa | ttcaatgatg | 2040 |
| ctgtaaaagtc | tggcataata | ttctagtggg | caagacactt | tgggtagtaa | atgagagagg | 2100 |
| ccaaattcaa | atcaggctaa | gaataaaaaag | aatgttttct | tttcaagtgg | gtggagctca | 2160 |
| agtaagtgtg | aattccaggg | gataaattgg | attcaggcat | agctgggatgc | aaaggctcaa | 2220 |
| aatgtcatc | agaatctgcc | tctttttctc | tcttggtgtt | gcttgccact | gtgttgctct | 2280 |
| cattctcagg | tagcttgact | cacacagcta | caacaatggc | ttatatccta | atggttgatc | 2340 |
| agccacaggg | cagagtacac | ttttcctcag | tgggtccaagc | aaaaatcctg | gggctcactc | 2400 |
| ttactggctg | acttggatca | ggtgtccttc | tggagcacaa | cacagtgact | ccaggtggcc | 2460 |
| aagcttgaat | ctcatgccac | atccctacca | ccagctccac | taaaaagaac | cacatggaca | 2520 |
| gaagggggagg | agtgggttaca | aagggaaaaa | taaatgttta | ttaccagggg | agggataatg | 2580 |
| aatgtaaggc | aagcaaaaaac | gggaaaaaaa | aaagtccatt | aaaaattcaa | tttacactat | 2640 |
| ttacactcac | attgcactgt | aaactgatgc | aattaagagt | ctcatttctt | gcttggtggg | 2700 |
| tagggattta | tatttcatta | aaaaaaatac | taccaacatt | aagtaagggg | atacttgaag | 2760 |
| aaaacaaaga | tatgcgatga | agaaaactgg | gctttgcaaa | aaaaaaaaaa | aaaaa | 2815 |

<210> 12005
 <211> 247
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| <400> 12005 | | | | | | |
| gtggatcacg | aggtcaggag | atcgagacca | tcctggctaa | cacggtgtaa | acctcgtctc | 60 |
| tattaaaaat | aacaaaaaaa | ttagccgggc | gtgggtggcg | gcgcctgtag | tcccagctac | 120 |
| tccggaggct | gaggcaggag | aatgggtgtg | acccgggagg | cgaagcttgc | agtgaagcca | 180 |
| gatcgacca | ctgactcca | gcctgggcta | cagagcaaga | ctccgtctca | aaaaaaaaaa | 240 |
| aaaaaaa | | | | | | 247 |

<210> 12006
 <211> 2976
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| <400> 12006 | | | | | | |
| aaacccagc | gcgagaggcc | aggagcggg | gcagcgagga | tcagaggcca | ggccttcccg | 60 |
| gctgccggcg | ctcctcggag | gtcagggcag | atgaggaaca | tgactctccc | ccttcggagg | 120 |
| aggaaggaag | tcccgtctgc | accttatctc | tgctcctctg | cctcctccct | gttcccagag | 180 |
| ctttttctct | agagaagatt | ttgaaggcgg | cttttgtaag | tatcgtgctc | tgcttttact | 240 |

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|------------|------|
| ttaaaaagaa | agaagacaaa | ctttccttcc | tgtccctgtc | cttttcgtat | tatttattca | 300 |
| ttattcatca | tattattatt | catttatatt | tcagatgatg | gaaagtatgt | ttctggccaa | 360 |
| agtcttccac | ccaaatttgg | tcccttgtaa | tgataataag | aggggaaaga | ggtttctggt | 420 |
| gataattaat | tcacttaaca | aaatagtacc | caggcgaggt | actgaaattg | gccactttca | 480 |
| cagcattctg | gtgatgtctg | gctgttgata | cacaccacac | acacacacac | acaacactac | 540 |
| acacacacac | acacacacac | acacacacac | acacacacac | tcctttttgc | ccttaagagg | 600 |
| agccctagtc | acctggcttg | ttagacaagg | agaaatgatg | ccactttggg | cttcagtttc | 660 |
| tctgccttgg | gtactcacia | tttcaatcag | ttgtaattgt | tgaaagtttc | ttttcacact | 720 |
| acgaaataaa | tcccatcttt | cagtgcaggc | ttgaaacttg | cactggcttg | ggtaaactgt | 780 |
| acaaaacact | gtagctatag | tggacatgtg | aattttttatt | aaatttttca | ctgcataacc | 840 |
| gaaggttcta | atattaaaga | aacatggaca | ctaacttttt | aagcacaggc | aaaactcaaa | 900 |
| gcctgtttat | caaactatgt | gtcttaaaga | gtgctgaatt | aacagagtac | tcttctcaga | 960 |
| gattatgctc | actgctttga | gaaactgctt | ttcaacaaga | ggggaattta | aaactctaga | 1020 |
| ataacatgaa | gaaagacaca | acttctgaat | acttagcaac | tctgacttgc | tatttgaaca | 1080 |
| agccaaaaaa | caaagggctc | atttttgggca | attgtacaat | ttgcatttat | aaaaccgtga | 1140 |
| ttataaacttg | gtatgctatg | agatacagag | atttattgtt | ttaataagat | ttcaggtaag | 1200 |
| aaaactaaga | actataaatt | ggtaataatg | tagaaaagca | aggcctctca | cttttaatgc | 1260 |
| tgtaagtgtc | gtgattcatt | tgtaaggcct | tatcatcttt | acctctagat | gaatagatgt | 1320 |
| gaaaaccatg | tatagtatgt | atgtatatgt | tagtgtgtat | atgtgtcttt | atcttaaatt | 1380 |
| cttacatttg | ttgtatctat | ctagtgtctc | gtatgttata | tgatagtaca | acatccaaaa | 1440 |
| tggatcaagt | ggagaaattt | atttcacatc | aactttcaga | ttgcaatgtt | tattcagtat | 1500 |
| ttattaacac | acatgggaaa | tattataaaa | ttatgtcttt | ttttagattc | tctttaaatg | 1560 |
| atattttccc | ttagaattct | ctgtggctcc | catgaaattc | taaggataaa | ttaaagtcaa | 1620 |
| aaataagatt | ggattctagt | tgcttttacc | cctaaattta | aaagtgatat | ttcaacacta | 1680 |
| aattctatac | ttacctaata | ttgattacaa | agatgaacca | cataatctca | gcattagcct | 1740 |
| caaaggcaaa | ctcaatcata | atagaaggaa | cacaagcttt | gatgagatct | ggatttcagg | 1800 |
| cttagtttgg | tcaaactgaa | ttaactgagc | cttgtgacac | acacctgtag | tcttagctac | 1860 |
| tccggtgact | gaggcaagag | gatcgcttga | gcctagaagg | tgagagactag | agtgagttgc | 1920 |
| gtttgtgcca | ctgcacctca | gcctgggtga | caaagtgaga | tcctatctca | aaggaaaaaa | 1980 |
| aaaaaaaaaa | agagagagac | tattgtagtg | ttccagtgag | aactgctggg | ggcactgagc | 2040 |
| agtgtagggtg | gacaataggg | cgcagattcc | agaaatattt | agaaggtaga | acattcttga | 2100 |
| ctcagggtctg | gatgaaggga | atggaggaaa | aggaaacttt | tataatatta | gttttggggc | 2160 |
| tgggctactg | ggtagtgtga | atagaatacc | atagaacaag | aggaggtact | ggtttatgaa | 2220 |
| gaaaattgag | ttagtgtggag | taatatcagg | ttgagatata | actaagagggt | tagactgcaa | 2280 |
| cgctgagtaa | aaataaaaag | caattttttt | aagcataaaa | ttatcatctg | gatgtgggtg | 2340 |
| catgtgtctg | tagtcccagc | tactcaggag | gctgaagcag | gaggatctca | tgagcccaga | 2400 |
| ggttcaaggc | tatggtgcac | tataatcaag | cttgtgaata | gatactgcac | tccagcctga | 2460 |
| gcaacatagt | gagaccctgg | ctctttaaaa | aaaaaatgct | agatttttgt | ctttgaaatt | 2520 |
| ttgaggagat | acataaaagc | tgagctctcc | ctactatggt | ctaatagccc | ccaagaaatg | 2580 |
| gtcactatct | ggactcaatg | aaatcagagc | tttaatcttg | tgtccctgct | gccaaatgaa | 2640 |
| tttttttctc | attaactttt | caataggaag | cccatgtcta | gggcagtctt | gcctgtagct | 2700 |
| atgtgtatcc | tcaaagagag | taattttttac | ttcttcagag | acttcagaaa | tgagcagaga | 2760 |
| ctaaagatct | atgagctagt | agaatactta | ttcataaaaa | gcacatatgc | atgaagaagt | 2820 |
| aatacttata | aaaaacaaac | cctttcctta | acagggattc | ttcacttctc | ttgaacaagg | 2880 |
| aactcactca | gagactaaca | caaaggaagt | aatttcttac | ctggtcatta | tttagtctac | 2940 |
| aataagttca | tcctttcttca | gtgtgaccag | taaatt | | | 2976 |

<210> 12007

<211> 265

<212> DNA

<213> Homo sapiens

<400> 12007

| | | | | | | |
|-------------|-------------|------------|-------------|------------|------------|-----|
| cctctaattgt | gcagcagcaa | aggaacaaca | gatgccaaaca | ttcttgtttg | cctcatgaac | 60 |
| ttaagcccta | aagtaagctg | acttgagtaa | agtttagagg | ctccccctca | agttttagaa | 120 |
| aagcttttct | gtttaactta | tgcaaattta | cacaccctca | tgaacctatt | gcatatatcc | 180 |
| gacaaccgtc | catatttttag | taccatgtgg | tggtcttcac | ctatgcccac | atagctggcg | 240 |
| acaatgcagg | taagatctgg | tcagg | | | | 265 |

<210> 12008
<211> 138
<212> DNA
<213> Homo sapiens

<400> 12008
tcaagcaatt ctctgcctc agcctcctga gtagctggga ttacaggcac ctgccaccac 60
gcctgggctaa tttttgtatt tttagtagag acgggggttc accatgttgg tcaggctgat 120
ctcaaactcc tgatctca 138

<210> 12009
<211> 480
<212> DNA
<213> Homo sapiens

<400> 12009
atttttataa tactatgctg aatctacaaa tggaatactg ggtagggttg ctgggcacag 60
gagatggctg cacctcctgc agagttaacc ttggctgagc aagaggctcc agggctgggc 120
accagatcaa cctcataccc ctaagtgagg gcatcattaa tgtctgtggc ctgcaagtcg 180
aggcatgcag gcagtcactg ggtcaacatc tgagcactcc tggaccagaa ccagtgcatt 240
ccagaattct tgaattgagg atactaagac agggattcat aatgccctct gcttgatgtg 300
ctgggtggtt ccaggaggct tggcttcaga ttcagaggaa gataccaaaa aactgatcgt 360
ttccttgaat tggcttttct atttacttcg tctgtgtctc tcatattgaa tatecctaaga 420
gagatgctgg aatatttttg cgttcctcta gaagaagttt taccgattgg agaaaataaa 480

<210> 12010
<211> 811
<212> DNA
<213> Homo sapiens

<400> 12010
tgcaccccaa cataccgtgt ttaactcttc tgtcttttgt ttttgctgct atttatattt 60
tcatttgata tgttttataa tgtttgtccc tagagttgtc ctttattgaa tacaaggggc 120
ttttctcaat tgctataatg tctgttataa tccagatgta gatatttgaa caatgtgaat 180
acacatcttt atgtgtatta tcttaagtgc tgtttaatat taaagtgtat ttaaaatgac 240
cagatttcaa attagtgcag ttttgagata tttgttactt aggtcttacc aggtatgcac 300
ctgtgttgta atttatgttg gtatgcttta gatctgggtg ttccttggtt ttttgctgcc 360
gtatctcaag tggctagatt tgatatttcc ttatccctga tctgacattt ttatgtgacc 420
aagtttctgt agcattttgt tgaacaccag gtactgttgc cactgtgcct aaccctacca 480
tctccactcc atgctatctc ttactttaca tgtaaatgac agttatttta gtcacttttc 540
acaatgtgaa atgtttctag gacacttgct catgaacagg agcaaattga aatttgaaat 600
gatcacatct gattgacttg taattagagg atgtttgggt gtggttgaat gtattgtatc 660
tgtacttatt gaaaaacctg aaagacctgg actcactatg ttttgttctg caacctggtt 720
agtcagctac gtggaagtga ccagagagtt gaaagccaat ttatttatcc ctccaagatg 780
aataaaacat aaattactct tctagcaaaa a 811

<210> 12011
<211> 557
<212> DNA
<213> Homo sapiens

<400> 12011
ataagatcta gctttgcatt aaggaagcta gaaactgaag attgctatgt agtctatcct 60
tgatcattcc ttgacaatta gagaacaaat tgagcatgga ccatttatcc cctatttata 120
tgcaaaattg ttctaagtaa gtattgatga tgttctctat agaaatttca atcactcact 180
tccttgctctg ttctcctaca caatattatc agctctgctg cacatttcct cattgggtgat 240
ccctgcagga aaataggaga taagggtcaat tctagttgac ttttatgaga atatgattat 300
agcaggcttt ctttagttat tggaatatgt gataagttag gacaaacaat tatgcagcaa 360

| | | | | | | |
|-------------|-------------|------------|------------|------------|-------------|-----|
| taaatattatc | ttgggttggtt | taagttcatg | tcaaaaattc | agacatgcta | atggttggtag | 420 |
| ctaagctcac | acaactacct | gcttatttac | aaacttgcaa | ttcaggaata | aatgattggg | 480 |
| atcttatatg | gcaagtgcac | gatgccagtc | taacaggagc | agacgctctg | tgcatttgca | 540 |
| actacaaaaa | acaaaaa | | | | | 557 |

<210> 12012
 <211> 113
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|------------|------------|------------|------------|------------|-----|
| <400> 12012 | | | | | | |
| cacgcctgta | atcccagcac | tttcggaggc | tgaggcaggc | ggatcacgag | gtcaggagat | 60 |
| cgagaccatc | ctggcctata | tggtgaaacc | ctgtctctac | taaaaataca | aaa | 113 |

<210> 12013
 <211> 529
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|------------|-------------|------------|------------|-------------|-----|
| <400> 12013 | | | | | | |
| acaggagaaa | aacatatata | tttatTTaat | ataagtttat | gtggcatgaa | aaccttcaga | 60 |
| atttgtgaag | acccaaagat | gcagtttgta | ttgaccactt | atataaggaa | ttagacaaag | 120 |
| agcagtaaat | tgcagaaatg | tgatgagggtg | gggggtcggg | ggcttggggc | agggcagggtg | 180 |
| attggaggag | aatggctggg | aaggaagggc | cagtatagca | ggtggtacag | gtttccctca | 240 |
| gcctcagctt | ctggctcctt | cccataggaa | tcatgcctcc | cacctggcca | agggaggaca | 300 |
| cctttcacat | gggaatgtca | tctcctgctt | ttcagaaaca | gaaggaaggt | cagagtgtatc | 360 |
| ttcttgtacc | tgttttttgt | ttttgttttt | gtttttgttt | ttgagagagt | ctctctctgt | 420 |
| cacccagggt | ggagtgcagt | ggcgcaatct | cggctcactg | caacctccgc | ctcccggggt | 480 |
| caagtgattc | tctgcctca | gcctcctgaa | tagctgggat | tacaggcac | | 529 |

<210> 12014
 <211> 343
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|------------|-----|
| <400> 12014 | | | | | | |
| ctcgttcata | agtaaagttc | atgaaagcat | ataaatatat | ttaaataata | ataaacacac | 60 |
| tgagagaaat | gacacaaaaa | ataattttga | attttctcat | gtcattgtta | ctaaagctga | 120 |
| gaaaccagat | attacataat | taacataaag | cggatattgga | aacaaatgtg | gagacaagtc | 180 |
| ttttagatta | ctggcattac | atgctgtctga | ctctcgcac | ttcatgaaat | ctgttcccct | 240 |
| ttgccttctg | tgacactgga | agcttctgat | ttaccttcag | tctctctgat | tacatcttct | 300 |
| gaattccact | tacagggtgcc | cttttttttt | tttgcccaac | ctt | | 343 |

<210> 12015
 <211> 926
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
|-------------|-------------|------------|------------|-------------|-------------|-----|
| <400> 12015 | | | | | | |
| tgctttttga | aataacttag | acaaataatt | tcacacaata | ccagcataaa | caagtataaa | 60 |
| cccgttcaca | ttaatcaggc | atccttaggg | aagattctga | tggcctgaat | ggacatttca | 120 |
| attacatata | tgttgatcat | gtgtattttt | ctagtaagca | ctagtacctt | acttgccctc | 180 |
| ccctgattaa | acaaaaactg | aaggtataaa | acctgcccc | atggaaacct | attttttcat | 240 |
| agaaaacatt | gacaattata | ttttcatggt | attctatctc | tgttttctaat | gcattttttct | 300 |
| catattcata | acaggggagat | agagttattc | ttcttaaaa | agttgatcaa | aactgggatg | 360 |
| aaggtaaaat | cccaggaacc | aacagacaag | gcattcttcc | tgttttctat | gtggagggtc | 420 |
| tcaagaagaa | cacaaaagggt | gctgaggact | acctgaccc | tccaataccc | cacagctatt | 480 |

| | | | | | | |
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| ctagtgatag | gattcacagc | ttgagctcaa | ataaggtaag | aacatactct | atcatgttaa | 540 |
| tgtaatatgg | gaagctccaa | gtaagataat | cggtgtgtga | ctttaggata | ttagattaga | 600 |
| atcatatata | tattgcagag | aaagagatgt | acataattatg | tttctacatg | tgtgagtgcc | 660 |
| acatcagtaa | atataagtca | gtgtttctca | aatagggtgct | ggcataaaga | tttaatgatt | 720 |
| aattttgtct | atttcatttt | caagttaaaa | tatcgaaaga | gaaagagaaa | acgagagtat | 780 |
| catgaagtct | cgtatgatat | atatctgtac | tcctgtgtac | ataaatgttt | tctgaaataa | 840 |
| ttttttccta | aagcttcatt | tttatatatg | taaattttat | gtatataata | taatctttac | 900 |
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<210> 12016

<211> 163

<212> DNA

<213> Homo sapiens

<400> 12016

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| gattagctgg | gactacaggt | gccccgccacc | acaccgggt | aatttttgta | tttttagtag | 120 |
| agatgggggt | tcactatggt | ggccagggtg | gtctcgaact | cct | | 163 |

<210> 12017

<211> 6584

<212> DNA

<213> Homo sapiens

<400> 12017

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| gtgacaggca | tgagcattgg | ccccaaacttc | cagctggggt | ttaaaggatgg | catcatcctc | 120 |
| tgcgagtggag | ttacagccct | ccagaatctg | tttctgctct | tccagttctt | tccacagcct | 180 |
| tctctctcac | tctccttctc | agcccagggt | gtcagacctt | gatattctac | agatatcttt | 240 |
| aatgctttcc | cttactgatg | ctaaaggggg | caacttgata | tttcaatcct | tgtttttgtg | 300 |
| tgccagtaaa | taagatgtct | ctcatatttt | tcttttcaga | cttataaaca | agctacagcc | 360 |
| aggctcagtg | aagaagggtca | acgagtcctc | actgaactgg | cctcaggtaa | cagccaaacc | 420 |
| aaccacctct | ggttctagtt | ggttgcattt | tatgtagtga | aaacttgatt | tcagggttgg | 480 |
| ttttttgggt | ttgtgttttt | ttttttttta | actttttgat | tacgggtttt | acatagacat | 540 |
| tgtagcagaa | atttgtgcat | atttaatttt | ttgccctttt | gtaatgggtc | tgtaattact | 600 |
| tatttaacta | gttctgtaat | tattatgttt | agcttagaag | ttttcctata | tttagtctgt | 660 |
| gtacattcag | aaaggacttg | acacagctta | cacagagaaa | tgcaaccag | accttaagga | 720 |
| taagggaaaa | aacaaggcat | tccacataac | taacagtggg | ctgcagagca | ctgtatcaga | 780 |
| cataacctta | gttcatgagt | gtgtatgagg | aaggaaaatg | ggatacttac | tggtcttgaa | 840 |
| catgtgtttg | gagatatgag | agaatgagta | tttagtaacc | acaaatgtat | tctgaaatta | 900 |
| aaataacaca | taatgaatta | tttattagta | tgagtaatta | tatacctttt | gacaaataaa | 960 |
| attccaggcc | tggatagctc | tgatacagaa | tcctttttaa | atatataagg | aagatcttgc | 1020 |
| ccataaaaaac | tgaaaacacg | taactgctta | aaaatattaa | gactgtgatg | tgaccacacag | 1080 |
| tgagagacac | actctcttct | tgctctttcc | tggtccagag | agagccatgc | ttagtatgta | 1140 |
| tttggttgaa | tccttgctca | acagctttct | gggcagcgtc | ttataactgg | ttatgaagac | 1200 |
| ttggaattct | tagaaattat | gaatgtcaat | atttagctcc | agaaattata | aaactcttct | 1260 |
| tctttatagt | tggagaatat | tggcaacttt | attaaagcta | ttcaggctta | tggtatgaag | 1320 |
| ccacatgaca | tattcgaagc | aaatgatctt | tttgagaatg | gaaacatgac | ccagggttcag | 1380 |
| actactctgg | tggctctagc | aggtctggta | cgtacatgtc | tttaatggct | ggttgacaga | 1440 |
| ttcccaccac | attgggtgatg | aattgcatca | ttgctttttc | atgggggttc | agaccagggtg | 1500 |
| gggcgggggc | tgtctcttct | gtaattagta | gctttgtgga | aaggctgctg | acatcagctg | 1560 |
| catcgtacta | gatagcttac | ttagaacact | cacatttcaa | atgatgcagt | atattattga | 1620 |
| acagccttaa | atacttttta | tctctagttt | gggccccctt | gtctatggac | atatcatttc | 1680 |
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| aggctaaaaac | aaaaggattc | catacaacca | ttgacattgg | agttaagtat | gcagaaaaac | 1800 |
| aaacaagacg | ttttgatgaa | ggaaaattaa | aagctggcca | aagtgtaat | ggctctgcagg | 1860 |
| taagtaatgt | gggtgttgctt | attcaattac | ttattcaata | tgattaattc | tcaccatgca | 1920 |
| aaatattaag | cctctcctaa | gaatagatag | aagtactata | gtactggggg | gggtgtagtt | 1980 |
| tatacaattt | atatctattt | ataaagccca | taagacagtg | ataatttttt | agaggaaacc | 2040 |

| | | | | | | |
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| cacgttatgc | cacctgacct | gacaattatt | tctccaggaa | acgaaaattt | ttaattgaat | 2100 |
| catattgtct | tttttttttt | tttttaaaag | aaaaatacac | ttttaaat | tttattttat | 2160 |
| cttttttttt | ttgagacaga | gtctcactct | tttgcccagg | ctggagtgca | gtgacgcgat | 2220 |
| ctcggctcac | tgtaacctcc | acctcctggg | ttcaagcaat | tctcctgcct | cagcctgccca | 2280 |
| agtagctggg | attatgggaa | tgagccacca | tgcccggcta | agttttgtag | tttttagtaga | 2340 |
| gataggattt | caccatgttg | gccaggctgg | tcttgaactc | ctgacctcag | gtgatctgcc | 2400 |
| gcctctggcc | tcccaaagtg | cttggattac | aggcgtgaac | tactgcacct | ggcctgtttt | 2460 |
| atcttttata | tatagatggg | atctcacttt | gttgcccagg | atagtctcaa | actctggagc | 2520 |
| tcaagcagtc | ctcctgcctt | ggcctcccga | agtgttgaga | ttacaggcat | gagctaccac | 2580 |
| accagccag | aaatgtactt | tataaattcc | ttaatgttat | tgaccaaatt | aggcaatttt | 2640 |
| acacgacctt | aatgccaaag | tcacttattt | acagtaccaa | atcatgatat | agcagccaag | 2700 |
| ccctgttaga | atttgtcagt | ttaaattcct | ctgaaatacg | tagttcagat | gttttccttc | 2760 |
| tctttactgt | tctcttcact | ggctcatggaa | acgtcattgc | taattcccca | aatgtgtgtg | 2820 |
| gctttacttg | ccaaaagcca | ctgtacctgc | tgtatactag | gcccctttct | actgagtcta | 2880 |
| tgcaagttag | atattttttt | acacagtaca | aaattgtatt | gggtgtgaga | aactggaaac | 2940 |
| ctaaatttca | gaacagtagt | cagttgggtg | aattacaact | ccataaaaagc | aaagtgtaat | 3000 |
| gtaaaattat | acactagagt | ttgaaaagat | aggttatggg | ggaaaaaaat | cagatcatca | 3060 |
| aatactgtgg | tcagtatgga | tttttaaaat | taaaaatgca | catgtttttg | tatgtatttg | 3120 |
| tatatatgtg | catctataga | tatatacata | gacacatagg | ttaaaaagct | aaaaggatat | 3180 |
| tcacaaatgt | tgacagtga | tggtatgggtg | tatcacaatg | atttttcccc | cctccttttt | 3240 |
| gctttatatgt | gtttttctgaa | tttttctcaa | tgaacagatt | ttatattagt | aataaagatt | 3300 |
| ttctttaatc | ttatttttaa | agaaaaaata | tccaacatca | gaaaagtgtg | cctaaccagt | 3360 |
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| aaatgcaaac | tgacaaacct | tttgaccaga | ccacaattag | tctgcagatg | ggcactaata | 4140 |
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| ttcaggaatg | tggactttgc | tgggaaagca | aaataatcaa | aagacctttt | cgatagcagc | 4320 |
| aaaagcatga | tgtgtctcgt | ggtttttgtt | ggcagttaga | acagctggcc | tttctaccta | 4380 |
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| agaaacctaa | agctcaattt | acgtgtttga | ggccacatag | taattttata | gtcagagcaag | 5220 |
| gattttgaag | aaaggtctca | cctagctcaa | aagccaatga | atattgcttc | atggaagtga | 5280 |
| ttcggtatca | ggatattttg | gttaagctag | ctttaccctt | gaaccaaattg | aaagttcatg | 5340 |
| tattactgtt | catattcaat | gtgaattcta | taattttata | attattcaca | agaatagatt | 5400 |
| ctagctgctg | ttttaacttt | tatactatgt | tctaatacca | ggcagggatg | ttagcaccag | 5460 |
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| tttccct | | | | | | |

| | | | | | | |
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| aataccctga | tgagtatcat | ggcgagtacc | aggatgacta | ccccagagat | taccaatata | 5760 |
| gcgaccaagg | cattgattat | tagatccaca | cagaaggagc | tcagtattta | gtcctttgtt | 5820 |
| tttattcagt | gagaaccaag | ctagccttga | gtaattttta | tcttgtcttc | ctaaaacact | 5880 |
| attaagctta | ttgtactttt | aagaaaaatt | gccttacgta | cattcctttt | tcctttttct | 5940 |
| gcctcttccc | tcaatagttg | ccttttagtg | ctgtaatagt | taaatcctac | agcataatca | 6000 |
| ataactcgca | tatgaagtaa | aaaggaatac | tgtgaaaggg | gagtactctt | gtacagccag | 6060 |
| ttcttttatg | caaaaatcta | tgcattttta | caatcttata | ttaaactggg | attttcaaac | 6120 |
| aataggaaac | tttttttttt | ttttttttta | cagtttagtg | tatctgggtt | ctacatggaa | 6180 |
| gactaaactc | atgcttattg | ctaaatgtgg | tctttgccaa | ctaaatttaa | gatgcagcat | 6240 |
| tttagaaatt | tacatatcaa | tgtttctaca | gtattgtttg | ctaattttta | aataaagtca | 6300 |
| tgatcagtg | gcatttgtga | ttatatgtgt | actcattctc | ttacctagcg | aacaagatct | 6360 |
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| ggtagtgc | ttgtctcttc | tgtttgtgcc | aatgtatcaa | tgtagagttg | ctctgttttc | 6480 |
| ttcaactgta | tttattgctg | catttctcag | cataaactta | tcccattgta | ttttttataa | 6540 |
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<210> 12018
 <211> 2582
 <212> DNA
 <213> Homo sapiens

| | | | | | | |
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| tatgatccca | aaatgcaaac | tgacaaacct | tttgaccaga | ccacaattag | tctgcagatg | 120 |
| ggcactaata | aaggagccag | ccaggtaagc | aatacctttt | tatacgtgta | caagagtaca | 180 |
| cttaccttat | ttttattaac | cagaagttta | aagtaggtat | tttttgtata | gtttattttag | 240 |
| agtatatccc | ttcaggaatg | tggactttgc | tgggaaagca | aaataatcaa | aagacctttt | 300 |
| cgatagcagc | aaaagcatga | tgtgtctcgt | ggtttttgtt | ggcagttaga | acagctggcc | 360 |
| tttctacct | gccagcagaa | aaaaagatat | gtttattaca | gtgttcttgc | tccaaaatcc | 420 |
| aagtaaaata | ttgtcatttt | aaatgctgac | tttttttttt | aaggagccct | taattaatag | 480 |
| gtaaaattac | ctgggtgttc | actaagaagg | atttaactag | cattcctatt | agatgtgtca | 540 |
| atataaggag | atggaaatgc | aacatgggtga | aaataccagt | ataccacatc | caagatagaa | 600 |
| atatttcctt | gttaaaaata | gatcaccagc | acctcagaag | gaagttcaac | aaccatttga | 660 |
| gaacagacag | gtctcacatc | caacaacagc | tgggataggg | tttgaaaaac | attttcttac | 720 |
| cgagtccaag | ggagatttat | caaaactttg | ccttatggaa | cacatcctac | cgggtgcggc | 780 |
| attatgtctc | tcatagctgc | cactcacgtt | tacttttcta | cccactctga | acctggaagt | 840 |
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| gtggctgtga | agtggctggg | tcttctgtat | ctcagccttt | tgaaaagact | caagtcctta | 960 |
| agatctgtct | aacatagttt | ctgttgaata | tattataaat | ttttgaaatt | ggtaaccocag | 1020 |
| ataatgtatg | tgggtcccat | gggcattcac | atggaacttt | ctgggtgtgga | agcattatga | 1080 |
| tttcacattc | tttatgtctc | attctctctt | aaatccagag | taggtagtaa | tgtctccatt | 1140 |
| ttgcagtttg | agaaacctaa | agctaaattt | acgtgtttga | ggccacatag | taattttata | 1200 |
| gcagagcaag | gattttgaag | aaaggtctca | cctagctcaa | aagccaatga | atattgcttc | 1260 |
| atggaagtga | ttcgggtatca | ggatattttg | gttaagctag | ctttaccctt | gaaccaaagt | 1320 |
| aaagttcattg | tattactggt | catattcaat | gtgaattcta | taattttata | attattcaca | 1380 |
| agaatagatt | ctagctgctg | ttttaacttt | tatactatgt | tctaatacca | ggcagggatg | 1440 |
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| gtccttttgtt | tttattcagt | gagaaccaag | ctagccttga | gtaattttta | tcttgtcttc | 1860 |
| ctaaaacact | attaagctta | ttgtactttt | aagaaaaatt | gccttacgta | cattcctttt | 1920 |
| tctttttct | gcctcttccc | tcaatagttg | ccttttagtg | ctgtaatagt | taaatcctac | 1980 |
| agcataatca | ataactcgca | tatgaagtaa | aaaggaatac | tgtgaaaggg | gagtactctt | 2040 |
| gtacagccag | ttcttttatg | caaaaatcta | tgcattttta | caatcttata | ttaaactggg | 2100 |
| attttcaaac | aataggaaac | tttctttttt | tttttttttt | ttttacagtt | tagtgtatct | 2160 |
| ggtttctaca | tgggaagacta | aactcatgct | tattgtctaaa | tgtgggtctt | gccaactaaa | 2220 |
| tttaagatgc | agcatttttag | aaattttacat | atcaatgttt | ctacagtatt | gtttgcta | 2280 |

| | | | | | | |
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| ttttaaataa | agtcatgata | agtgtgcatt | tgtgattata | tgtgtactca | ttctcttacc | 2340 |
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| ggacatttag | gcctgggtga | tgcatttgct | cttcctgttt | gtgccaatgt | atcaatgtag | 2460 |
| agttgctctg | ttttcttcaa | ctgtatttat | tgctgcattt | ctcagcataa | acttatccca | 2520 |
| ttgtattttt | tataaataaa | tatttttttt | gaactttcat | atgaaccaca | gctgattatt | 2580 |
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<210> 12019

<211> 2579

<212> DNA

<213> Homo sapiens

<400> 12019

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| tatgatccca | aaatgcaaac | tgacaaacct | tttgaccaga | ccacaattag | tctgcagatg | 120 |
| ggcactaata | aaggagccag | ccaggtaagc | aatacctttt | tatacgtgta | caagagtaca | 180 |
| cttaccttat | ttttattaac | cagaagttta | aagtaggtat | tttttgtata | gtttatttag | 240 |
| agtatatcc | ttcaggaatg | tggactttgc | tgggaaagca | aaataatcaa | aagacctttt | 300 |
| cgatagcagc | aaaagcatga | tgtgtctcgt | ggtttttgtt | ggcagttaga | acagctggcc | 360 |
| tttctaccta | gccagcagaa | aaaaagatat | gtttattaca | gtgttcttgc | tccaaaatcc | 420 |
| aagtaaaata | ttgtctcattt | aaatgctgac | tttttttttt | aaggagccct | taattaatag | 480 |
| gtaaaattac | ctgggtgttcc | actaagaagg | atttaactag | cattcctatt | agatgtgtca | 540 |
| atataaggag | atggaaatgc | aacatggtga | aaataccagt | ataccacatc | caagatagaa | 600 |
| atatttcctt | gttaaaaaata | gatcaccagc | acctcagaag | gaagttcaac | aaccatttga | 660 |
| gaacagacag | gtctcacatc | caacaacagc | tgggataggg | tttgaaaaac | attttcttac | 720 |
| cgagtccaag | ggagatttat | caaactttgc | ccttatggaa | cacatcctac | cgggtgcggc | 780 |
| attatgtctc | tcatagctgc | cactcacgtt | tacttttcta | cccactctga | acctggaagt | 840 |
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| agatctgctc | aacatagttt | ctgttgaata | tattataaat | ttttgaaatt | ggtaaccag | 1020 |
| ataatgtatg | tgggtcccat | gggcattcac | atggaacttt | ctgggtgtgga | agcattatga | 1080 |
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| atggaagtga | ttcgggtatca | ggatattttg | gttaagctag | ctttaccctt | gaaccaaagt | 1320 |
| aaagttcatt | tattactggt | catattcaat | gtgaattcta | taattttata | attattcaca | 1380 |
| agaatagatt | ctagctgctg | ttttaacttt | tatactatgt | tctaatacca | ggcagggatg | 1440 |
| tttagcaccag | gtaccagaag | agacatctat | gatcagaagc | taacattaca | gccggtggac | 1500 |
| aactcgacaa | tttccctaca | gatgggtacc | aacaaagtgt | cttcccagaa | aggaatgagt | 1560 |
| gtgtatgggc | ttgggcgcca | agtatatgat | cccaaatact | gtgctgctcc | tacagaacct | 1620 |
| gtcattcaca | acggaagcca | aggaacagga | acaaatgggt | cggaaatcag | tgatagtgat | 1680 |
| tatcaggcag | aataccctga | tgagtatcat | ggcgagtacc | aggatgacta | cccagagat | 1740 |
| taccaatata | gcgaccaagg | cattgattat | tagatccaca | cagaaggagc | tcagtattta | 1800 |
| gtcctttgtt | tttattcagt | gagaaccaag | ctagccttga | gtaattttta | tcttgtcttc | 1860 |
| ctaaaacact | attaagctta | ttgtactttt | aagaaaaatt | gccttacgta | cattcctttt | 1920 |
| tcctttttct | gcctcttccc | tcaatagttg | ccttttagtg | ctgtaatagt | taaactctac | 1980 |
| agcataatca | ataactcgca | tatgaagtaa | aaagggaatac | tgtgaaaggg | gagtactctt | 2040 |
| gtacagccag | ttctttttatg | caaaaaatcta | tgcattttta | caatcttata | ttaaactggg | 2100 |
| attttcaaac | aataggaaac | tttttttttt | tttttttttt | ttttacagtt | tagtgtatct | 2160 |
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| ttttaaataa | agtcatgata | agtgtgcatt | tgtgattata | tgtgtactca | ttctcttacc | 2340 |
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| ggacatttag | gcctgggtga | tgcatttgct | cttcctgttt | gtgccaatgt | atcaatgtag | 2460 |
| agttgctctg | ttttcttcaa | ctgtatttat | tgtgtcattt | ctcagcataa | acttatccca | 2520 |
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<211> 4114

<212> DNA
<213> Homo sapiens

<400> 12020

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| catagtgtac | tttgtaagtt | gatgcatata | aacatggttt | tagaagagtt | tttctgtcct | 120 |
| aattttgtaca | aaaaaaggta | aactaatata | gttccagtat | tgttacctgg | tcaaacaata | 180 |
| atgacaaaga | caatgaggaa | gaataggggt | tattaggtct | tttaaaaaaa | aattcactaa | 240 |
| cttttctcta | gtggtctcat | cttctattct | gtaaatggct | cttagaagga | aatgttttcc | 300 |
| aggtacagat | acctaaatgg | gtatctatct | cacaatggcc | tggagttctg | ttccctcctc | 360 |
| attccttaat | gagtgttgt | cctgctgtgc | ccttgcatgt | tttaatttgt | tgctcctttt | 420 |
| tacgaaacte | tgaaaaacaa | aagaacaagt | tagaatagta | ttatgtgtct | gtactgttga | 480 |
| taacgtaggg | gccgagggaa | aacttctcct | ttgccctctg | acggtttgct | gaagaattaa | 540 |
| cttacaaaag | gcagattaac | aggagaaaatg | gcatataaag | tagcacaggg | gagaatcaca | 600 |
| gtgagtgtct | aaatggggta | cagataattc | tggttttggg | aaagggagat | ggggaagtgt | 660 |
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| ttagtggctg | ggaacaaagt | ctgttggggc | cacaggacag | tggtttgtga | caaaagtctg | 780 |
| tccaggtgtg | ttgactgaat | ttagtctttg | tttctgctat | ataagtccag | ttaatggaaa | 840 |
| actcagggaa | ggggccagag | gtgggttttt | tctttgggtg | gtctggactt | taggcagata | 900 |
| aggggatttc | attcagatga | cagcttcctc | ctgtgctttg | ggagaagggtc | agagagttct | 960 |
| tgaggcttct | tcagttcagc | atgtcaaagt | gccatattat | ggagtatcaa | tttctgagtc | 1020 |
| ccaatgatag | ccatttacaa | gttcttggcc | ttaaatttca | gataactgga | tccttaagaa | 1080 |
| agtttcttct | gttgaaaaaa | ctatttttaag | gggtaaattt | caaggtggat | tttttttggg | 1140 |
| ggggaggttg | tggagacgga | gtcaccctct | gtcgcccagg | ctggagtgca | atggcgccat | 1200 |
| ctcagctcac | tgcaacctcc | acctcccggg | ttcaagcgat | tctcctgtct | cagcctccta | 1260 |
| agcagctgag | attacaggcg | cctgccactg | tgcctggcta | atttttgtat | ttttagtaga | 1320 |
| gatagggttt | caccatgttg | gccaggctgg | tctcaaattc | ctgacctcat | gtgatccacc | 1380 |
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| ccgtctcttc | taaaaaatata | aaattaggcg | tgggtgtgca | cgctgtaat | cccagctact | 1740 |
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| attgcgccat | tgcactcaag | cctgggcaac | aagagcaaaa | ctctgtctca | aaaaaaaaaag | 1860 |
| taaaattttg | agtttatgtt | ttatatggag | aaggatgagg | atacattaat | tataaattgt | 1920 |
| agaagtgggt | cttaaaaaat | tgagtgcctg | ctgaaccaa | gagtgcatta | aatgtctctgt | 1980 |
| ttaaagctaa | aagggtctta | acacctaat | tttatggcaa | cagaatgaaa | gaaaagtatg | 2040 |
| caaatatcat | ataactcaga | caaggaaaa | agatgagaca | tcattcagct | gttaaaatat | 2100 |
| ccctgtctac | ccaggataag | gcaaataaagc | aacaactgtg | ttgcaaaggc | tggtgcaaac | 2160 |
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| aacagaggga | ctgcccacac | ctggaatgcc | cgattgtagt | taaaagccat | gagtcctcca | 2940 |
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| tgcaacgtgt | gtgtgcacta | ttgtaaaagaa | tgcttgcag | aaattttggc | agaatgaaat | 3120 |
| agaggaaaaa | atgaaaagct | gtatcaaaa | gaaacccagt | taatggcgag | taggaagggt | 3180 |
| atatgtaatt | ttatctgtgc | ctagcttttg | tatttatata | aatgtaataa | tatctcacia | 3240 |
| gctttttatt | ctgctttttc | acttaacacc | aaaataagcc | tattcacttt | aaaacttttt | 3300 |
| ttagaaacca | tcctcttttc | ttttgagaca | gagtcctcgt | ctgttgccca | ggctggagta | 3360 |
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[illegible]

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| | | | | | | |
|------------|------------|------------|-------------|------------|------------|------|
| aatttgtaca | aaaaaaggta | aactaatata | gttccagtat | tgttacctgg | tcaaacaata | 180 |
| atgacaaaga | caatgaggaa | gaataggggt | tatttaggtct | tttaaaaaaa | aattcactaa | 240 |
| cttttctcta | gtggtctcat | cttctattct | gtaaattggct | cttagaagga | aatgttttcc | 300 |
| aggtacagat | acctaaatgg | gtatctatct | cacaatggcc | tggagtcttg | ttccctcttc | 360 |
| attccttaat | gagtgcctgt | cctgctgtgc | ccttgcatgt | tttaatttgt | tgctcctttt | 420 |
| tacgaaactc | tgaaaaacaa | aagaacaagt | tagaatagta | ttatgtgtct | gtactgttga | 480 |
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| cttacaaaag | gcagattaac | aggagaaatg | gcatataaag | tagcacaggg | gagaatcaca | 600 |
| gtgagtgtct | aaatggggta | cagataattc | tgtttttggg | aaagggagat | ggggaagtgt | 660 |
| ggatgatttt | atgggggtgg | tgaattactt | ttaggggagt | ttaatgagct | tgaagaacac | 720 |
| ttagtggctg | ggaacaaagt | ctggtgggcc | cacaggacag | tggtttgtga | caaaagtctg | 780 |
| tccaggtgtg | ttgactgaat | ttagtctttg | tttctgctat | ataagtccag | ttaatggaaa | 840 |
| actcagggaa | ggggccagag | gtggtttttt | tctttgggtg | gtctggactt | taggcagata | 900 |
| aggggatttc | attcagatga | cagcttcctc | ctgtgctttg | ggagaaggct | agagagttct | 960 |
| tgaggcttct | tcagttcagc | atgtcaaatg | gccatattat | ggagtatcaa | tttctgagtc | 1020 |
| ccaatgatag | ccattttaca | gttcttgggc | ttaaatttca | gataactgga | tccttaagaa | 1080 |
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<210> 12024

<211> 779

<212> DNA

<213> Homo sapiens

<400> 12024

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| tgtaaagcta | tgggatctgc | ttgggatttt | caaggggtgag | ataggggtcta | taatagacat | 120 |
| gtgtttactg | attgtgacct | caggcattgg | ttttctgtcc | ttcattgtta | ggataggtgg | 180 |
| atctggggac | acagactgag | tggagtggag | aagaaaggat | ttattaataa | tcaggaggga | 240 |
| gcatgtggga | tagatctgag | gtatctgcaa | gcatttgaga | actactgatt | gtaactatat | 300 |
| gaactgaaga | tggctcagtg | caatcctggg | tctttccaca | ttccatattt | aattaaaggc | 360 |
| ctttgccata | tcttggttcc | tggctcaatt | ttagtcagat | aaaatttaag | ttattataaa | 420 |
| ataataacaa | atttggcata | taaggtttta | aactgatcac | ggtagctgga | cagcattagc | 480 |
| aacaatagtt | gaaaaaatag | agcttcttta | tgcagtgata | tctgtataat | ctatttagct | 540 |
| caaagataac | attgagttta | tatccacgta | tgtttatgaa | tgtgtaattt | ggacacctgg | 600 |
| gattttattg | tatgtagatg | ttttatccgt | tcccttttta | aaatccaatg | ttctatctgt | 660 |
| aatgctctgc | cactacacat | tctttcaaaa | aaattctgat | tctaaatctt | taatgatgat | 720 |
| atgcctcaat | cttcttttta | catagatagc | tcttctggaa | aaaaaacaaa | aaaacaaaa | 779 |

<210> 12025

<211> 3562

<212> DNA

<213> Homo sapiens

<220>

<221> SITE

<222> (3379)

<223> n equals a,t,g, or c

<400> 12025

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| ttgtgctagg | cgctgtctcc | tgccgacgtg | ttcttccggt | ggcggagcgg | cggattagcc | 120 |
| ttcgcggggc | aaaatggtga | gagcgttgag | gggagttcca | gacggagatg | cgaggacccc | 180 |
| tcggggctctg | acccacaccg | cgcttatctc | ctcagacgcc | ggagatccag | agggctagac | 240 |
| gtccttgga | cctccggctt | gggctgaagg | gtggggaagg | gggaagcccc | ttgccatgaa | 300 |
| ctccttaggt | ttctcagctc | gcgatttcta | agggcgagag | gcgtggggcg | aattttgaat | 360 |
| accttccagt | ttgtatatct | ctgttatcgg | tggtgtgtta | tctttattgg | gaaagtctct | 420 |
| ctgccgaacc | cgtgccatcc | tacaatgccc | tgggcaaatg | tttattgggtg | aagcacttcc | 480 |
| aactctcagg | cacttggcca | gactttccta | ggagcgccca | cagcctctgt | acagatctct | 540 |
| ggccacgttc | catggacttc | tttgttttctg | gccacgcctc | ctagtaccca | ccgtctgacg | 600 |

| | | | | | | |
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| ccgtaattgg | aagctcaata | aatggcagtg | attgtcttta | tcatttttggg | ggaagggggc | 720 |
| cgtgattggt | tactgaattg | aattccagtg | tctcagaaca | atgggggcag | tttacttctc | 780 |
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| tttgtacaga | tctttacgtt | tacagccctc | tttcataaaa | gacattatct | catcatcttc | 900 |
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| gatgctttga | ttcatcatct | ttcttatttt | tcagttctgt | gaaatagata | ttacagtcgc | 1020 |
| tttactcaga | ctcagattac | tcagaaccag | aacttgaatg | tcttgaccat | agctcacaag | 1080 |
| attccataat | agcataggta | gtgaggaaaa | tactgaatta | gaaattgagg | gccaggcgcg | 1140 |
| gtgggttca | cctgtaatcc | cagcactttg | ggaggctgag | gcgagcggat | caggagggtca | 1200 |
| gaagttcaag | accagcctgg | ccagcaaggt | gaaacctgt | ctctcctaaa | aatacaaaaa | 1260 |
| attagccggg | catggtgggt | cacgcctgt | atcccagctg | ctcgggaggg | tgaggcagga | 1320 |
| taatcacttg | aaccagaag | gcggagcttg | cagtgagccg | agttggcacc | actgcactcc | 1380 |
| aggcactcca | gcctggggcg | tagagcaaga | ctgtctggaa | aaaaaaaaaa | attgagcctg | 1440 |
| ggcgcggcaa | ctcacacctg | taatctcagt | actttgggag | gccgaggcag | gcagatcacc | 1500 |
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| cttggtgtct | atagacactg | gtccacaaag | ctccggaaat | tgtaggcaaa | ctttttcttg | 1860 |
| tatgtggttt | ttctcaggca | gagagttcgt | acctttagtc | acgttttcat | agtggtcaga | 1920 |
| ttattggcct | cagaaaatgc | taataagggc | cattgatctg | cagctacatt | tccgggctaa | 1980 |
| aatcagcctc | tgttttcacgg | cagcaccagg | ctccttgata | accgcatgtt | ctctccaggc | 2040 |
| tgaaatcgtg | ggattctttg | atagctctga | tctctttccc | tcctctagga | gctcgaggcc | 2100 |
| atgagcagat | ataccagccc | agtgaacca | gctgtcttcc | cccattctgac | cgtgggtgctt | 2160 |
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| cgccggtttt | gtacattgga | tgggggtctg | gagaaggtaa | ggaggagagg | agggctagt | 2340 |
| atgcccaggg | gcaggttata | gccttatttc | ccaagttcag | gtgagctcag | tttgttcttt | 2400 |
| ggatttccag | gacagtgage | aggggacctg | gctggagtgg | aggtggggaa | taggggtgct | 2460 |
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| tcccagctcc | ggccctcatg | agctgtgtga | cctggggcaa | gtgacctaac | tcctctgggt | 2580 |
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| tttgtgcctc | tttccctgcc | cctcatacgg | atgtgagcca | aatgtgactc | tcagttctga | 3120 |
| gctcacatgg | cccaaggcct | cgatctgcct | ttgggatgta | ccacctagag | tgtggacgca | 3180 |
| ggcatcccat | ggctgtacat | ttacattctt | agaagtcaga | ccccagtgac | ttggagaggc | 3240 |
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| caatccacca | aacaggccag | taggaatcag | ctctgggtgg | tcctcctcag | aggtgtgtgc | 3360 |
| tcaatagccc | ttgcccang | agcacagggg | tgcagggaga | gaaggaggaa | agaagggcca | 3420 |
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| cctgcttttg | taaattactt | ttttttactg | ttgctggaag | tgtccacct | gctgctcata | 3540 |
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<210> 12026

<211> 3564

<212> DNA

<213> Homo sapiens

<400> 12026

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| ttgtgctagg | cgcctgctcc | tgccgacgtg | ttcttccgg | ggcggagcgg | cggattagcc | 120 |
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<212> DNA
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| | | | | | | |
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